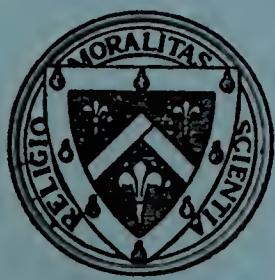


CATALOGUE AND
ANNOUNCEMENTS

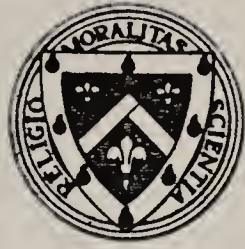
1967 - 1968



SAINT JOSEPH'S COLLEGE
RENSSELAER, INDIANA

saint joseph's college

of rensselaer, indiana



is a coeducational college

in the liberal arts tradition

founded in 1889

granting b.a.

and b.s. degrees.

this is the

seventy-seventh

annual catalogue

with announcements for

1967 - 1968

CALUMET CAMPUS

In addition to courses on campus, the College operates a four year branch at East Chicago, Indiana, known as the Saint Joseph's College CALUMET CAMPUS. Opened in 1951, the CALUMET CAMPUS offers courses leading to the baccalaureate degree, and in adult education. For further information, write to the Office of the Academic Dean, 4721 Indianapolis Blvd., East Chicago, Indiana, 46314 or call Area Code 219 397-9197.

SUMMER SESSIONS

A six-week SUMMER SESSION is offered on the Rensselaer Campus. For further information, write to the Director of the Summer Session, Saint Joseph's College, Rensselaer, Indiana, 47978 or call Rensselaer, Area Code 219 866-7111.

ACCREDITATION

Saint Joseph's College is a member of or is accredited by the following associations and standardizing agencies:

Adult Education Association

American Council on Education

Association of American Colleges

Association of American Colleges for Teacher Education

Association of University Evening Colleges

College Entrance Examination Board

Commission on Christian Higher Education of the Association of American Colleges

Indiana Association of Church Related and Independent Colleges

Indiana Conference of Higher Education

National Catholic Education Association

National Collegiate Honors Council

National Council for Accreditation of Teacher Education (NCATE)

North Central Association of Colleges and Secondary Schools

State of Indiana Department of Public Instruction for the training of elementary and high school teachers.

Affiliated on 3-2 (Liberal Arts-Engineering) Programs with: University of Detroit; Marquette University; Purdue University; Rose Polytechnic Institute; Saint Louis University; University of Illinois; University of Notre Dame; New York University. Students on the 3-2 program may transfer to any accredited engineering college.

Affiliated with the Graduate School of Music of DePaul University in a program leading to the Master of Music degree in Church Music.

Affiliated with Phi Eta Sigma, a national Honors Fraternity for Freshmen, and Delta Epsilon Sigma, a national Catholic Honors Society.

CALENDAR for 1967

JANUARY							FEBRUARY							MARCH							APRIL							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
1	2	3	4	5	6	7		1	2	3	4			1	2	3	4				1							
8	9	10	11	12	13	14	5	6	7	8	9	10	11	5	6	7	8	9	10	11	2	3	4	5	6	7	8	
15	16	17	18	19	20	21	12	13	14	15	16	17	18	12	13	14	15	16	17	18	9	10	11	12	13	14	15	
22	23	24	25	26	27	28	19	20	21	22	23	24	25	19	20	21	22	23	24	25	16	17	18	19	20	21	22	
29	30	31					26	27	28					26	27	28	29	30	31		23	24	25	26	27	28	29	
MAY							JUNE							JULY							AUGUST							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
1	2	3	4	5	6	7		1	2	3				1							1	2	3	4	5	6		
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12	
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19	
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26	
28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29	30	27	28	29	30	31		
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
	1	2	3	4	5	6	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	
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17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23	
24	25	26	27	28	29	30	29	30	31					26	27	28	29	30		24	25	26	27	28	29	30	31	

CALENDAR for 1968

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7		1	2	3				1	2						1	2	3	4	5	6	
7	8	9	10	11	12	13	4	5	6	7	8	9	10	3	4	5	6	7	8	9	7	8	9	10	11	12	13
14	15	16	17	18	19	20	11	12	13	14	15	16	17	10	11	12	13	14	15	16	14	15	16	17	18	19	20
21	22	23	24	25	26	27	18	19	20	21	22	23	24	17	18	19	20	21	22	23	21	22	23	24	25	26	27
28	29	30	31				25	26	27	28	29			24	25	26	27	28	29	30	28	29	30				
MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4				1						1	2	3	4	5	6		1	2	3	4	5	6	7
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17
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26	27	28	29	30	31		23	24	25	26	27	28	29	28	29	30	31			25	26	27	28	29	30	31	
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7		1	2	3	4	5			1	2					1	2	3	4	5	6	7
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
29	30						27	28	29	30	31			24	25	26	27	28	29	30	29	30	31				

COLLEGE CALENDAR 1967-68**First Semester**

September 3-6	Sunday-Wednesday. Enrollment, orientation and registration of new students.
September 6	Wednesday. Registration for returning students — opening Mass at 7:30 P.M.
September 7	Thursday. Classes begin at 8:00 A.M.
September 13	Wednesday. Limit for changes in class schedule.
October 9	Monday. Limit for withdrawal from courses. Limit for applying for credit by examination. Limit for applying for Independent Study.
October 21	Saturday. Feast of Saint Gaspar del Bufalo. No classes.
October 27	Friday. Mid-term grades due.
October 28	Saturday. Homecoming. No classes.
November 1	Wednesday. Feast of All Saints. No classes.
November 6	Monday. Limit for first semester freshmen to withdraw from courses.
November 23-26	Thursday-Sunday. Thanksgiving Recess. No classes.
November 27	Monday. Classes resume at 8:00 A.M.
December 8	Friday. Feast of the Immaculate Conception. No classes.
December 9	Saturday. Honors Papers due at Dean's Office.
December 23	Saturday. Last class day of Semester I.

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Second Semester 1967-68

January 31	Wednesday. Registration.
February 1	Thursday. Classes begin at 8:00 A.M.
February 7	Wednesday. Limit for changes in class schedule.
February 27	Tuesday. Limit for removal of first semester incomplete grades.
February 28	Ash Wednesday. Retreat day. No classes.
March 1	Friday. Limit for withdrawal from courses. Limit for applying for credit by examination. Limit for applying for Independent Study.
March 7	Thursday. Aquinas Day Banquet. (Time to be announced)
March 11	Monday. Free day in honor of Saint Thomas Aquinas — no classes.
March 22	Friday. Mid-term grades due.
April 1	Monday. Limit for first semester freshmen to withdraw from classes.
April 10	Wednesday. Easter recess begins at noon.
April 17	Wednesday. Classes resume at noon.
May 1	Wednesday. Free day in honor of Saint Joseph. No classes.
May 5	Sunday. Parents' Day.
May 18	Saturday. Honors Papers due at Dean's Office.
May 23	Thursday. Feast of the Ascension of Our Lord. No classes.
May 25	Saturday. Last day of classes of Semester II.
June 2	Sunday. Commencement exercises.

SUMMER SESSION: June 17 - August 2.

BOARD OF TRUSTEES (CONTROL) 7

SAINT JOSEPH'S COLLEGE CORPORATION

OFFICERS

The Very Reverend John E. Byrne, C.P.P.S.,* Chairman
The Reverend Charles Banet, C.P.P.S., President
The Very Reverend John Lefko, C.P.P.S., Vice-President
The Reverend Robert Siebeneck, C.P.P.S., Secretary
The Reverend William Eilerman, C.P.P.S., Treasurer
(Resident Agent)

BOARD OF TRUSTEES (CONTROL)

Very Reverend John E. Byrne, C.P.P.S.	Mr. Thomas A. Lewis
Reverend Charles Banet, C.P.P.S.	Mr. Justin Oppenheim
Reverend Charles Bricher, C.P.P.S.	Mr. John Schmidt
Reverend Raphael Gross, C.P.P.S.	Reverend Robert Siebeneck, C.P.P.S.
Mr. Arthur Hellyer	Reverend Norbert Sweeterman, C.P.P.S.
Very Reverend John Lefko, C.P.P.S.	Mr. Ray Ziegman
Mr. Irving L. Lewin	

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Mr. William B. Ansted, Jr. Indianapolis, Indiana	Mr. Arthur L. Hellyer Chicago, Illinois
Dr. Frank A. Benchik Munster, Indiana	Dr. Frank W. Jones St. Charles, Illinois
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Mr. William Cahill Chicago, Illinois	Mr. James B. McCahey Chicago, Illinois
Mr. Frank C. Callahan Chicago, Illinois	Mr. Frank M. McHale Indianapolis, Indiana
Mr. James Carmody LaGrange, Illinois	Mr. Frank E. McKinney Indianapolis, Indiana
Mr. Walter L. Darling Chicago, Illinois	Mr. William S. Miller Chicago, Illinois
Mr. Richard Dooley Chicago, Illinois	Mr. Michael P. Murphy Chicago, Illinois
Mr. Thomas B. Dumas Rensselaer, Indiana	Mr. Morgan Murphy Chicago, Illinois
Mr. Lee J. Gary Chicago, Illinois	Mr. Justin H. Oppenheim Centerville, Ohio
Mr. George S. Halas Chicago, Illinois	Mr. Herman F. Rottinghaus Cincinnati, Ohio
The Honorable Charles Halleck Rensselaer, Indiana	Mr. John Schmidt Chicago, Illinois
Mr. William J. Halligan Chicago, Illinois	Mr. G. Richard Schreiber Glenview, Illinois
Mr. Ray Ziegman	Orrville, Ohio

TRUSTEES EMERITI

Mr. Robert A. Gallagher Palos Park, Illinois	Mr. Morris E. Jacobs Omaha, Nebraska
Mr. Clarence U. Gramelspacher Jasper, Indiana	Mr. Richard A. O'Connor Palm Beach, Florida

* C.P.P.S. These letters are the abbreviations of **Congregatio Preciosissimi Sanguinis**, the official name of the Society of the Precious Blood. All the priests and brothers at Saint Joseph's are members of this religious community.

8 SAINT JOSEPH'S COLLEGE

OFFICERS OF THE ADMINISTRATION

Reverend Charles H. Banet, C.P.P.S., M.A.L.S., President
Very Reverend Rudolph P. Bierberg, C.P.P.S., S.T.L., S.T.D., Religious Superior
Reverend Paul R. White, C.P.P.S., M.A., Executive Vice-President
Reverend Donald L. Ballmann, C.P.P.S., M.S., Ph.D., Academic Dean
Louis C. Gatto, A.M., Ph.D., Associate Academic Dean and Director of the Summer Session
Reverend Alvin W. Druhman, C.P.P.S., M.A., Ph.D., Secretary of the College
Reverend William L. Eilerman, C.P.P.S., M.S., Treasurer of the College
John B. Egan, Ph.D., Director of Student Affairs
Reverend Edward J. Joyce, C.P.P.S., S.S.L., S.T.L., S.T.D., Director of Development.

ADMINISTRATIVE STAFF

Reverend Charles J. Robbins, C.P.P.S., M.A., Registrar, Director of Financial Aids
Reverend Richard Wise, C.P.P.S., B.A., Dean of Students
Reverend Raphael H. Gross, C.P.P.S., M.A., Ph.D., Director of the Fellows Program
Reverend Leonard J. Kostka, C.P.P.S., J.C.L., Chaplain of the College
Richard F. Scharf, M.S., Director of Placement, Director of Athletics
Reverend James F. McCabe, C.P.P.S., M.S.L.S., Librarian
Reverend Paul E. Wellman, C.P.P.S., M.S., Business Manager
Reverend Ambrose A. Ruschau, C.P.P.S., M.S., Director of Buildings and Grounds
Kenneth J. Zawodny, Director of Computer Facility
Reverend Francis W. Spanbauer, C.P.P.S., B.A., B.S., Director of Admissions
Martin D. Ryan, M.A., Ph.D., Director of Institutional Research
Thomas M. Ryan, M.A., Director of Guidance
Charles Schuttrow, B.S., Director of Public Information
Reverend Joseph V. Rodak, C.P.P.S., M.A., Director of Professed Seminarians
Reverend James P. McKay, C.P.P.S., M.Ed., Director of Seminarians
Reverend Raymond Grevencamp, C.P.P.S., Director of Brother Formation
Paul A. Williams, M.D., College Physician
Vincent C. Meyer, R.N., Director of Health Service
Helen Skinner, M.S., Director of Food Service
Xada Swayzee, Director of Halleck Center
Gerald R. Gladu, B.S., Associate Director of Development
Reverend Alphonse Spilly, C.P.P.S., M.A., Assistant Dean of Students
Reverend Gerard L. Lutkemeier, C.P.P.S., B.S.L.S., Assistant Librarian
Robert J. Blesson, M.S.L.S., Assistant Librarian
Theodore Lake, M.B.A., Assistant Director of Admissions
Reverend Richard J. Kissner, C.P.P.S., B.A., Assistant Director of Admissions
Rita H. Murphy, R.N., Assistant Director of Health Service
Dixie Green, R.N., Assistant Director of Health Service
Brother Gerard, C.P.P.S., Assistant to the Academic Dean and to the Director of Student Affairs
Peter Hocker, Athletic Trainer

ALUMNI BOARD OF DIRECTORS 9

MEMBERS OF THE SAINT JOSEPH'S COLLEGE ALUMNI BOARD OF DIRECTORS (1967- '68)

Robert J. Conley, '41, (1970) President, 621 E. Grace Street, Rensselaer, Indiana.
Charles R. Vietzen, '57, (1968) Vice President for Alumni Unification, 660 Washington, Oak Park, Illinois.
Bernard Balas, '57, (1970) Vice President for Financial Support, Box 2546, Gary, Indiana.
Dr. Louis Abbott, '50, (1969) Vice President for Academic Encouragement, 959 Bruce Avenue, Monticello, Indiana.
Philip Wilhelm, '63, (1970) Vice President for Public Relations, 5255 Pleasant Run Parkway, Indianapolis, Indiana.
R. Joseph Moore, '50, (1968) Immediate Past President, 9502 Montclair, East St. Louis, Illinois.
John F. McCann, Jr., '51, (1968) Past President, 1202 N. Audubon, Indianapolis, Indiana.
Joseph McGrath, '51, (1968) Past President, 1925 Washington Street, Wilmette, Illinois.
Gerry LaFontain, '35, (1969) Board Member, 138 Summit Blvd., Fostoria, Ohio.
Donald Tonner, '46, (1968) Board Member, 702 Milroy Avenue, Rensselaer, Indiana.
George Byerwalter, '50, (1968) Board Member, 15539 Dobson, Dolton, Illinois.
Robert Carney, '53, (1968) Board Member, 9146 S. Hamilton, Chicago, Illinois.
William D. Elbert, '53, (1968) Board Member, 316 E. Lincoln, Kentland, Indiana.
Hugh C. McAvoy, '54, (1969) Board Member, 4917 W. Thomas, Chicago, Illinois.
Timothy J. O'Brien, '56 (1969) Board Member, 136 Daniel Drive, Bensenville, Illinois.
Robert E. Christen, '58, (1969) Board Member, 2520 East Drive, Fort Wayne, Indiana 46805.
Keith A. Snyder, '56, (1969) Board Member, 5806 N. Leonard, Chicago, Illinois 60647.
James F. Zid, '55, (1970) Board Member, 519 S. Pine, Arlington Heights, Illinois.
James B. Crook, Jr., '63, (1970) Board Member, 5749 North Sievers Place, Milwaukee, Wisconsin.
Henry J. Murphy, Jr., '60, (1970) Board Member, 121 North Phelps, Arlington Heights, Illinois.
Robert L. Decker, '61, (1970) Board Member, 4190 Bedford, Detroit, Michigan 48024.
Raymond F. Schuessler, Jr., '55, (1970) Board Member, 6515 W. 23rd St., Berwyn, Illinois.
Bernard J. Hoffman, '43, (1969) Board Member, 202 E. 13th St., Jasper, Indiana.
Joseph C. Albers, '50, Advisory Board Member, 920 Reilly Road, Cincinnati, Ohio.
James Stang, '50, Advisory Board Member, 2025 Elsmere, Dayton, Ohio.
James Shields, '45, Advisory Board Member, 2712 Woodward, Fort Wayne, Indiana.
Rev. Bernard Boff, '54, Advisory Board Member, 1119 W. Bancroft, Toledo, Ohio.

10 SAINT JOSEPH'S COLLEGE

EMERITI FACULTY

Reverend Edwin Kaiser, C.P.P.S., S.T.D., Litt.D.

1944—Professor Emeritus of Theology, 1966. S.T.D., Saint John Lateran, 1923; Gregorianum University, 1923-24; Saint Louis University, Summer, 1947; Litt. D., Saint Joseph's College, 1967.

Reverend Joseph B. Kenkel, C.P.P.S., Ph.D., President, 1927-37.

1922—Professor Emeritus of Economics, 1966; Ph.D., Catholic University of America, 1922.

Reverend Clarence J. Kroeckel, C.P.P.S., M.S.

1933—Professor Emeritus of Biology, 1967. M.S. Catholic University of America, 1933; University of Chicago, 1944; University of Notre Dame, 1945-48; The Marine Biological Laboratory, Woods Hole, Massachusetts, Summer, 1958.

Adam P. Lesinsky, M.M.

1958—Professor Emeritus of Music, 1966. M.M., American Conservatory of Music, 1944.

Reverend Ildephonse J. Rapp, C.P.P.S., A.B., Litt.D.

1904—Professor Emeritus of English, 1949. A.B., Saint Joseph's College, 1899; Litt.D., *ibid.*, 1954.

Paul C. Tonner, B.Mus., Litt.D.

1918—Professor Emeritus of Music, 1963. B.Mus., University Extension Conservatory, Chicago, 1931; Van Der Cook Conservatory of Music, Summer, 1949; Litt.D., Saint Joseph's College, 1958.

FACULTY

Reverend Charles H. Banet, C.P.P.S., M.A.L.S., President

1949*—Associate Professor of Classical Studies. M.A.L.S., University of Michigan, 1951; *ibid.*, 1951-52; Appointed President, 1965; American Council on Education Presidents Institute, University of Wisconsin, Summer, 1967.

John C. Babione, M.A.

1965—Instructor in English. M.A., Indiana University, 1965.

Reverend Vincent Balice, C.P.P.S., B.A. **

1965—Instructor in English. 1964-65, University of Detroit.

Reverend Donald L. Ballman, C.P.P.S., M.S., Ph.D., Academic Dean

1956—Associate Professor of Geology, M.S., University of Illinois, 1956; Ph.D., *ibid.*, 1959; American Geological Institute, British Isles, Summer, 1961; American Council on Education Institute for Academic Deans, Denver University, 1966.

V. Reverend Rudolph P. Bierberg, C.P.P.S., S.T.L., S.T.D., Religious Superior.

1958—Professor of Theology. S.T.L., Catholic University of America, 1941; S.T.D., *ibid.*, 1943.

Robert J. Blesson, M.S.L.S.; Assistant Librarian.

1963—Assistant Professor. M.S.L.S., Villanova University, 1963.

Donald E. Brinley, A.M.

1955—Associate Professor of Philosophy. A.M., Catholic University of America, 1951; Ph.D. (Cand.), Indiana University

Allen J. Broussard, M.B.A.

1964—Assistant Professor of Accounting. M.B.A., University of Arkansas, 1960.

* The first date indicates the year of appointment to Saint Joseph's.

** Absent on leave for graduate study.

John J. Bucholtz, M.A., Ph.D.; Chairman, Department of Political Science.
1962—Associate Professor of Political Science. M.A., Princeton University, 1959; Ph.D., *ibid.*, 1967.

Roy E. Burkey, M.B.A.
1965—Assistant Professor of Business Administration. M.B.A., The Ohio State University, 1962; Ph.D. (Cand.), *ibid.*

Ralph M. Cappuccilli, A.M., Ph.D.; Chairman, Department of Speech.
1948—Associate Professor of Speech. A.M., University of Michigan, 1951; Ph.D., Purdue University, 1967.

Reverend Raymond M. Cera, C.P.P.S., M.A.
1948—Associate Professor of Romance Languages. M.A., Saint John's University (Brooklyn), 1951.

William B. Conway, Ph.D., (Cand.)*
1964—Assistant Professor of Economics. University of Minnesota, 1960-64; Ph.D., (Cand.), *ibid.*

Michael E. Davis, M.S., Chairman, Department of Geology.
1952—Associate Professor of Geology. M.S., Kansas State University, 1951.

Reverend Boniface B. Dreiling, C.P.P.S., M.S.
1940—Associate Professor of Physics. M.S., Catholic University of America, 1940; University of Chicago, 1943-46.

Reverend Marcellus M. Dreiling, C.P.P.S., M.S.
1939—Associate Professor of Mathematics. M.S., Catholic University of America, 1939.

Reverend Alvin W. Druhman, C.P.P.S., M.A., Ph.D., Chairman, Department of English; Secretary of the College.
1948—Professor of English. M.A., Saint John's University (Brooklyn), 1950; Ph.D., *ibid.*, 1952.

John B. Egan, B.Mus., Ph.D.; Director of Student Affairs; Chairman, Department of Music.
1962—Associate Professor of Music. B.Mus., Conservatory of Music of Cincinnati, 1956; Ph.D., Indiana University, 1962.

Mrs. John B. Egan, M.A.
1962—Assistant Professor of Music. M.A., Indiana University, 1957; Ph.D. (Cand.), *ibid.*

Reverend William L. Eilerman, C.P.P.S., M.S.; Treasurer.
1954—Associate Professor of Accounting. M.S., Saint Louis University, 1959.

Reverend Rufus H. Esser, C.P.P.S., M.A., President, 1937-38.
1925—Professor of English. M.A., Catholic University of America, 1927; Indiana University, Summers, 1930-31.

Francis E. Fenner, M.A., Ph.D.
1963—Assistant Professor of History. M.A., Saint John's University (Brooklyn), 1960; Ph.D., *ibid.*, 1966.

Reverend Robert A. Fitzgerald, C.P.P.S., M.A.
1967—Instructor in History. M.A., Catholic University of America, 1967.

Richard J. Flynn, M.B.A., C.P.A.; Chairman, Department of Accounting.
1959—Associate Professor of Accounting. M.B.A., University of Chicago, 1958; C.P.A., State of Illinois, 1959.

Ernest A. Fritsch, B.S.
1967—Instructor in Physical Education. B.S., University of Detroit, M.S. (Cand.), Indiana State University.

* Absent on leave for graduate study.

12 SAINT JOSEPH'S COLLEGE

Louis C. Gatto, A.M., Ph.D., Associate Academic Dean; Director of the Summer Session.

1957—Professor of English. University of Minnesota, 1950-51; A.M., DePaul University, 1956; Ph.D., Loyola University (Chicago), 1965; American Council on Education Fellow in Academic Administration, Lawrence University, 1966-67; Institute for Academic Administrators, Boston University, Summer, 1967.

Reverend Dominic B. Gerlach, C.P.P.S., M.A., College Archivist.

1952—Associate Professor of History. M.A., Saint Louis University, 1952; University of Michigan, Summer, 1956. Goethe Institute, Munich, Summer, 1962; Catholic University of America, Summer, 1965.

Reverend Philip F. Gilbert, C.P.P.S., M.S.

1961—Assistant Professor of Mathematics. B.S., Saint Joseph's College, 1952; University of Detroit, 1960-61; M.S., University of Illinois, 1964.

John D. Groppe, M.A.; Director of Freshman English.

1962—Associate Professor of English. M.A., Columbia University, 1957; 1957-1962, University of Notre Dame.

Reverend Raphael H. Gross, C.P.P.S., A.M., Ph.D., LL.D., President 1951-65; Director of Fellows Program.

1941—Professor of English. A.M., University of Michigan, 1941; Ph.D., University of Montreal, 1952; LL.D., Saint Joseph's College, 1967.

Reverend Norman L. Heckman, C.P.P.S., A.M., Chairman, Department of Chemistry.

1940—Associate Professor of Chemistry. University of Wisconsin, 1943-1944; A.M., Indiana University, 1947.

Reverend Lawrence F. Heiman, C.P.P.S., M.A., L.C.G., M.C.G., Director of the Institute of Liturgical Music

1943—Associate Professor of Music. M.A., Catholic University of America, 1949; Marquette University, Summer, 1950; L.C.G., Pontifical Institute of Sacred Music (Rome), 1958; M.C.G., *ibid.*, 1959.

Reverend Joseph A. Hiller, C.P.P.S., M.A., Ph.D.

1933—Professor of German. M.A., Catholic University of America, 1932; University of Cincinnati, 1935-37; Ph.D., Catholic University of America, 1940.

James H. Holstein, B.S.

1959—Instructor in Physical Education. B.S., University of Cincinnati, 1956.

David H. Hoover, M.A.

1966—Instructor in History. M.A., University of Cincinnati, 1965.

Carlyle Hume, M.M.

1966—Assistant Professor of Music. M.M., Indiana University, 1964.

William G. Jennings, M.Ed.

1965—Assistant Professor of Physical Education. M.Ed., Loyola University (Chicago), 1963.

Reverend Edward J. Joyce, C.P.P.S., S.S.L., S.T.L., S.T.D., Director of Development.

1964—Associate Professor of Theology. S.S.L., The Biblicum (Rome), 1959; S.T.L., The Angelicum (Rome), 1957; S.T.D., *ibid.*, 1960.

G. Robert Kasky, M.B.A., C.P.A.

1966—Instructor in Accounting. M.B.A., Indiana University, 1963; C.P.A., State of Illinois, 1964.

Paul E. Kelly, A.M., Chairman, Department of Business Administration.

1950—Professor of Marketing. A.M., Colorado State College, 1941; Ford Foundation Fellowship, Indiana University, Summer, 1959.

FACULTY 13

James A. Kenny, Ph.D.; Chairman, Department of Psychology; Clinical Psychologist.
1964—Associate Professor of Psychology. M.S.W., Loyola University (Chicago), 1957; Ph.D., University of Mainz, 1962.

Reverend John R. Klopke, C.P.P.S., M.A., Ph.D.*
1955—Associate Professor of Philosophy. M.A., Fordham University, 1955; Ph.D., University of Toronto, 1961.

Reverend Leonard J. Kostka, C.P.P.S., J.C.L., Chaplain.
1948—Associate Professor of Theology. J.C.L., Catholic University of America, 1942; Seton Hall University, Summer, 1948; Saint Louis University, Summer, 1954.

Reverend William J. Kramer, C.P.P.S., L.Sc.N., Sc.D.
1953—Professor of Chemistry. L.Sc.N., University of Fribourg (Switzerland), 1951; Sc.D., *ibid*, 1952.

Atif Kubursi, M.S.
1966—Assistant Professor of Economics. M.S., Purdue University, 1966; Ph.D. (Cand.), *ibid*.

Reverend Clement J. Kuhns, C.P.P.S., M.A., Chairman, Department of Foreign Languages.
1948—Associate Professor of Classical Languages. M.A., Catholic University of America, 1952.

Reverend Frederick R. Lang, C.P.P.S., M.A.*
1960—Assistant Professor of Classical Languages. M.A., University of Michigan, 1962.

Reverend Joseph A. Lazur, C.P.P.S., S.T.L.
1960—Assistant Professor of Theology. S.T.L., Laval University, 1961; The Biblicum (Rome), 1965-67.

Reverend Gerard A. Lutkemeier, C.P.P.S., B.S. in L.S.; Assistant Librarian.
1937—Associate Professor. B.S. in L.S., Catholic University of America, 1946.

Michael P. Markiewicz, M.A.
1967—Assistant Professor of English. M.A., Xavier University, 1962; Ph.D. (Cand.), Louisiana State University.

Reverend James C. McCabe, C.P.P.S., M.S.L.S., Librarian.
1965—Assistant Professor. 1958-59, University of Detroit; M.S.L.S., Catholic University of America, 1961; Summer 1961, National Archives (American University); Summer 1964, University of Detroit.

Reverend Edward P. McCarthy, C.P.P.S., M.A.
1958—Associate Professor of Philosophy. M.A., Catholic University of America, 1945.

Charles A. Mack, M.S.
1966—Instructor in Biology. M.S., Ball State University, 1967.

Ralph A. Marini, M.B.A.
1960—Associate Professor of Finance. M.B.A., Marquette University, 1960; Ford Foundation Faculty Fellowship, Indiana University, Summer, 1963.

Brother John A. Marling, C.P.P.S., B.S.
1938—Associate Professor of Mathematics. B.S., Saint Joseph's College, 1938; Catholic University of America, Summer, 1938; John Carroll University, Summer, 1951.

* Absent on Sabbatical Leave, Sem. II.

** Absent on leave for graduate study.

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Andrew G. Mehall, M.S.; Chairman, Department of Biology; Premedical Advisor
1961—Assistant Professor of Biology. M.S., Syracuse University, 1961; Ph.D. (Cand.), University of Illinois, N.S.F. Summer Institute, University of Washington, 1965.

Reverend Bernard J. Meiring, C.P.P.S., M.A., Ph.D., Director of Student Teaching.
1957—Associate Professor of Education. M.A., University of Detroit, 1957; Ph.D., University of California, 1963.

Arthur E. Middleton, M.S.
1965—Assistant Professor of Biology. Purdue University, 1961; University of Kentucky, Summer, 1962; M.S., N.S.F. Fellow, Kansas State Teachers College, 1964.

Carl H. Mills, M.A., Ph.D.
1966—Associate Professor of English. M.A., New York University, 1960; Ph.D., University of Nebraska, 1965.

Reverend Aloysius F. O'Dell, C.P.P.S., S.T.L., S.T.D.; Chairman, Department of Theology.
1957—Associate Professor of Theology. S.T.L., University of Montreal, 1957; S.T.D., Gregorianum University, 1962.

Curtis M. Paulsen, M.S., M.A.
1962—Associate Professor of Mathematics. M.S., University of South Dakota, 1960; M.A., University of Missouri, 1961.

Richard S. Pawlow, M.S.
1965—Assistant Professor of Physical Education. M.S., Southern Illinois University, 1965.

Ralph A. Penington, M.S.
1962—Associate Professor of Economics. Columbia University, 1954-55. M.S., Purdue University, 1962; Ph.D. (Cand.), ibid.

Reverend Ernest W. Ranly, C.P.P.S., M.A., Ph.D.; Chairman, Department of Philosophy.
1956—Associate Professor of Philosophy. M.A., Saint Louis University, 1958; University of Chicago, Summer 1958; Ph.D., Saint Louis University, 1964.

John Ravage, M.A.
1965—Assistant Professor of Speech. M.A., Ball State University, 1961; University of Iowa, Summer, 1967.

Donald H. Reichert, Ph.D.; Chairman, Department of Education.
1966—Associate Professor of Education. Ph.D., The Ohio State University, 1966.

Reverend Charles J. Robbins, C.P.P.S., M.A., Registrar, Director of Financial Aids.
1940—Associate Professor of Classical Languages. M.A., Catholic University of America, 1945.

Reverend Joseph V. Rodak, C.P.P.S., M.A.
1965—Instructor of Classical Languages. 1962-63, University of Detroit; M.A., John Carroll University, 1965.

Jacob S. Rodia, Ph.D.
1963—Associate Professor of Chemistry. M.S., University of Illinois, 1948; Ph.D., ibid., 1952.

Reverend Edward M. Roof, C.P.P.S., M.A.
1929—Professor of Latin. M.A., Catholic University of America, 1931.

James G. Roseland, M.B.A.
1966—Instructor in Finance. M.B.A., University of Illinois, 1966.

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Reverend Charles R. Rueve, C.P.P.S., Ph.D., Chairman, Department of Mathematics.
1946—Professor of Mathematics. M.S., University of Notre Dame, 1949; Ph.D., *ibid.*, 1963.

Reverend Ambrose A. Buschau, C.P.P.S., M.S., Director of Buildings and Grounds.
1955—Associate Professor of Physics. M.S., Saint Louis University, 1956; N.S.F. Summer Institute in Radioisotope Technology, University of Michigan, 1964.

Reverend William P. Russell, M.A., Ph.D.
1965—Associate Professor of History. M.A., Loyola University (Chicago), 1946; Ph.D., University of Chicago, 1953.

Martin D. Ryan, M.A.; Ph.D.; Director of Institutional Research; Chairman, Department of Sociology.
1959—Associate Professor of Sociology. M.A., Purdue University, 1961, Ph.D., *ibid.*, 1967.

Thomas M. Ryan, M.A., Director of Guidance.
1963—Assistant Professor of Education. M.A., University of Dayton, 1941; University of Cincinnati, 1947-48, Summer, 1948.

Richard F. Scharf, M.S. in P.Ed.; Chairman, Department of Physical Education; Director of Athletics.
1940—Associate Professor of Physical Education. M.S., in P.Ed., Indiana University, 1949; H.S.D. (Cand.), *ibid.*

Reverend Donald F. Shea, C.P.P.S., A.M., Ph.D.; Chairman, Department of History.
1947—Professor of History. A.M., University of Michigan, 1947; Ph.D., Loyola University (Chicago), 1956; Harvard University, Summer, 1958; Visiting Scholar in History, Columbia University, Summer, 1964.

Reverend Urban J. Siegrist, C.P.P.S., M.S., Ph.D., Director of the Institutum Divi Thomae Research Station, Coordinator of the Division of Natural Sciences.
1936—Professor of Biology. M.S., Catholic University of America, 1936; Ph.D., Institutum Divi Thomae, 1958.

Lyle H. Sleeman, Jr. M.S., Ph.D.
1963—Associate Professor of Geology. M.S., Kansas State University, 1959; Ph.D., University of Missouri, 1964; N.S.F. Summer Institute. Indiana University, 1964; N.S.F. Summer Institute, Pennsylvania State University, 1965; N.S.F. Research Participant, University of Wyoming, Summers, 1966, 1967.

Reverend Alphonse Spilly, C.P.P.S., M.A., Assistant Dean of Students.
1967—Instructor in Theology. M.A., University of Dayton, 1967.

Reverend Cyril R. Sutter, C.P.P.S., M.A., M.S., Ph.D.
1960—Associate Professor of Psychology. M.A., Fordham University, 1956; M.S. in Ed., *ibid.*, 1958; Ph.D., *ibid.*, 1961.

Reverend David J. Van Horn, C.P.P.S., M.F.A., Chairman, Department of Art.
1962—Assistant Professor of Art. Fullbright Fellowship in Italy, 1961-62; M.F.A., Chicago Art Institute, 1965.

William G. Verbrugge, M.S.
1967—Assistant Professor of Mathematics. M.S., Illinois Institute of Technology, 1965.

Willard G. Walsh, M.F.A.*
1954—Associate Professor of Speech. M.F.A., Fordham University, 1949; Certificate, American Academy of Dramatic Arts, 1953.

Reverend Paul E. Wellman, C.P.P.S., M.B.A.; Business Manager.
1957—Assistant Professor of Business Administration. College Management Institute, University of Omaha, Summers, 1956-57; M.B.A., Marquette University, 1962.

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Reverend Paul R. White, C.P.P.S., M.A.; Executive Vice President; Chairman, Department of Economics.

1956—Associate Professor of Economics. University of Michigan, Summer, 1955; M.A., Catholic University of America, 1956; Cornell University, 1960.

Carole Jean Womelsdorff, M.A.

1966—Instructor in English. M.A., Hardin-Simmons University, 1965.

Clayton A. Womelsdorff II, M.A.

1966—Assistant Professor of Political Science. M.A. (Political Science), Baylor University, 1956; M.A. (Economics), Hardin-Simmons University, 1961.

Robert E. Wood, M.A., Ph.D.

1961—Assistant Professor of Philosophy. M.A., Marquette University, 1961; Ph.D., *ibid.*, 1967.

Kenneth J. Zawodny, Director of Computer Facility

1966—Assistant Professor of Mathematics.

NATIONAL TEACHING FELLOWS

Ruby Kathryn Easley, M.S.

1967—National Teaching Fellow in Speech. M.S., Southern Illinois University, 1965.

Judith R. Fritz, M.A.

1967—National Teaching Fellow in Sociology. M.A., University of Chicago, 1967.

Kenneth Lerner, M.S.

1967—National Teaching Fellow in Psychology. M.S., Purdue University, 1965; Ph.D. (Cand.), *ibid.*

George Sterzinger, M.A.

1967—National Teaching Fellow in Economics. M.A., Purdue University, 1965.

PART-TIME FACULTY

John R. Baumann, M.A.T.

1963—Lecturer in Education. M.A.T., Indiana University, 1965.

Sister Catherine Bonifas, C.P.P.S., M.A. (Cand.).

1967—Lecturer in Education, M.A. (Cand.), Purdue University.

Mrs. Carl Funk, B.S., B.A.

1966—Lecturer in Music. B.S., Purdue University, 1940; B.A., St. Joseph's College, 1967.

Reverend Carl J. Holsinger, S.T.L.

1965—Lecturer in Theology. S.T.L., College of the Propaganda (Rome), 1927.

Sister Virginia Huber, C.P.P.S., M.A.

1967—Lecturer in Education, M.A., Saint John College of Cleveland, 1952.

Reverend Hermes D. Kreilkamp, O.F.M. Cap., S.E.O.L., M.A., Ph.D.

1967—Lecturer in Philosophy. S.E.O.L., Pontifical Oriental Institute (Rome), 1951; M.A. in Litt., Catholic University of America, 1966; Ph.D., *ibid.*, 1964.

Theodore Lake, M.B.A.

1964—Lecturer in Management. M.B.A., Roosevelt University, 1963.

John Nesbitt, B.S. (Eng.), LL.B.

1961—Lecturer in Business Law. B.S. (Eng.), Purdue University, 1958; LL.B., Indiana University, 1958; Member of the Indiana Bar Association and American Bar Association.

Frederick L. Wilt, M.S.

1966—Lecturer in Physical Education. M.S., Purdue University, 1960.

* Absent on Sabbatical Leave.

PURPOSE AND AIMS

Saint Joseph's College is an independent institution of higher learning dedicated to being a community of scholars — teachers and students — working in mutual association under the leadership and direction of its teachers, towards the spread, preservation, clarification, discovery and defense of truth. Whether the truths of the sciences, arts and skills be viewed as revealed or acquired, as speculative or practical, as moral or artistic, the dedication to these truths and the search for them is the primary purpose of Saint Joseph's. The academic and the general policies and procedures of the college as well as the relationship of Saint Joseph's to its public are conceived and carried out in terms of this basic purpose.

At the same time, Saint Joseph's College also recognizes that it exists in the larger context of society, and that its faculty and students have definite relations and obligations to the family, the state and the Catholic Church, as well as to various other societies representing industry, business, labor, health and recreation. For this reason, the College adopts as its own those aims toward which the family, state, Church and other societies are directed.

Foremost among these aims which the College actively provides for and promotes is that goodness of personal, family, social and religious life made possible by practice of the theological and moral virtues. In this respect, the College again maintains that both faculty and students can understand better what they must be and what they must do in the city of man so as to maintain their sublime end in the city of God, by means of fulfilling their calling in life as witnesses to truth.

The College adopts and proposes to its faculty and students other worthy aims which are required and helpful to them in seeking and in striving for goodness of life. Among these are the need for observing social justice as well as of pursuing individual rights, the importance of fulfilling one's vocation in life, and the need of discipline, of recreation and of mental and physical health. But it is the belief of Saint Joseph's College that no matter how worthwhile these

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aims are, they can be more surely achieved to the extent that teacher and student are dedicated to their proper purpose, truth.

Moreover, the College believes in truth for our age and times. It places its emphasis on the truths of the sciences, arts and skills with which it is concerned and chooses its curriculum in terms of the problems, questions and needs of the time in which it lives. Saint Joseph's College is convinced that any and all of the truths which it considers — whatever they may be — are to be sought for their own sake primarily; for it is only in this way that they can lead to goodness of life, further the good of family, state and Church, and be of value to industry, business and all human endeavors.

In conclusion, the primary consideration and concern of the College is for the academic community of teachers and students, to whom it offers a permanent vocation as witness to truth. The library, the counseling of students, the social, recreational and physical facilities, the classrooms and laboratories — all are viewed as means and as conditions contributing towards its main purpose, truth.

COLLEGE HISTORY AND CAMPUS

HISTORICAL SKETCH

In 1868, a frame dwelling was erected a mile south of Rensselaer as a home for thirty-five orphans. The home was closed in 1887. Two years later, the Most Reverend Joseph Dwenger, bishop of the Diocese of Fort Wayne, offered the vacant orphans' home and the land to Father Henry Drees, then Provincial of the Society of the Precious Blood, with the stipulation that a college be founded there. During the same year, 1889, Saint Joseph's College was incorporated under the laws of the State of Indiana with the right to grant the usual degrees.

With the coming of summer, 1891, the first building, now the southern half of the Administration Building, was finished, and the first students were enrolled. In 1893 the building was extended to its present proportions.

Education at early Saint Joseph's was on two distinct levels, the high school and the junior college. The aim was to prepare students for professional schools and seminaries, for teaching, and for immediate entry into business. The new college passed its first major milestone June 16, 1896, when it presented diplomas to twelve students, its first class of graduates.

The original aims of Saint Joseph's changed little up to 1925. At that time the college was converted into a minor seminary, and for a period of six years admitted only students preparing for the priesthood. The status of academy and junior college was re-established in 1931, and plans for the expansion of the school were formulated. Saint Joseph's began to operate as a senior college in 1936, and in June, 1938, its first class of four-year men was graduated.

Principal buildings on the campus at that time were the Chapel, Administration Building, Gaspar Hall, Dwenger Hall, Science Hall, Drexel Hall, and the Power Plant. A building program was launched in the summer of 1939, and between that year and 1941 were erected Seifert Hall, Merlini Hall, Xavier Hall, and the Fieldhouse.

World War II halted the program of expansion. In 1946 an extensive remodeling program was begun to modernize the Chapel, Dining Room, the Fieldhouse, the Library and the Publication Building.

In 1954 a new phase of the expansion program was initiated with the construction of Bennett and Noll Halls, Halas and Gallagher Halls were added in 1957 and in 1963 the Halleck Center and the Faculty Building were completed.

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In 1951, in response to the need for a Catholic college in the Calumet region of northwestern Indiana, the College began an extension program in East Chicago. This developed into Saint Joseph's College Calumet Center which by 1963 had progressed sufficiently to be given the status of a campus, known as Saint Joseph's College Calumet Campus, offering a full four-year college program in most of the same areas of study as are offered on the Rensselaer Campus.

Beginning with the 1968-69 academic year, the College will provide resident facilities for coeds on its Rensselaer campus.

Since its founding in 1889, Saint Joseph's has had the following thirteen presidents: The Very Revs. Augustine Seifert, Benedict Boebner, Hugo Lear, Ignatius Wagner, Didacus Brackman, Joseph Kenkel, Rufus Esser, Cyril Knue, Aloys Dirksen, Henry Lucks, Alfred Zanolar, Raphael Gross, and Charles Banet.

CAMPUS AND BUILDINGS

One hundred and thirty acres have been laid out in parks, lawns, and campus. Dotting the campus are various buildings designed to serve the educational needs of Saint Joseph's students.

The Administration Building is centrally located near the main entrance to the campus. The first floor houses the offices of administration, while the other floors house class rooms and faculty offices.

The Chapel, dedicated in May, 1910, is the most imposing edifice on the campus. It is an attractive brick and stone structure in the Romanesque style of architecture. Its large sanctuary provides ample room for the proper observance of the beautiful solemn ceremonies of the Church. Beneath the chapel is the cafeteria. Renovated in the summer of 1946, this large hall accommodates Saint Joseph's students in bright and cheerful surroundings.

Gaspar Hall, one of the oldest buildings on the campus and formerly a faculty residence, houses approximately fifty students. It is named in honor of the founder of the Society of the Precious Blood, Saint Gaspar del Bufalo.

Dwenger Hall, named for the second bishop of the Diocese of Fort Wayne, serves as an infirmary and dispensary. It was erected during the summer of 1907.

Drexel Hall was at one time used as a school for Indians. Renovated in 1937, the three-story structure accommodates one hundred and twenty students. It is named after Mother Catherine Drexel who provided funds for its erection.

Xavier Hall, dedicated to Saint Francis Xavier, patron of the Society of the Precious Blood, is the residence of the students who are preparing for the priesthood in the Society. It was erected in the fall of 1940.

Seifert Hall, residence hall for sophomores, was finished in 1939. It was named for Saint Joseph's first president, the Very Reverend Augustine Seifert, C.P.P.S. The hall accommodates one hundred and fifty students.

Merlini Hall was dedicated in the fall of 1940. It has been named after the Venerable John Merlini, the Third Moderator-General of the Society of the Precious Blood. It accommodates ninety students.

Noll Hall, dedicated in the spring of 1955, named after the Most Reverend John F. Noll, Bishop of Fort Wayne, an alumnus and generous patron of the college. It houses ninety-eight students.

Bennett Hall, dedicated in the spring of 1955, is named after the Most Reverend John G. Bennett, first Bishop of Lafayette in Indiana, an alumnus and generous patron of the college. It houses ninety-eight students.

Gallagher Hall, dedicated in the fall of 1958, is named after Robert A. Gallagher, First Chairman of the Saint Joseph's College Board of Lay Trustees and a generous patron of the College. It houses 120 students.

Halas Hall, dedicated in the fall of 1958, is named after George S. Halas, a member of the Board of Lay Trustees and a generous patron of the College. It houses 120 students.

Aquinas Hall, opened in the Fall of 1959, is named after St. Thomas Aquinas. It houses 46 students.

A new residence hall which will eventually accommodate 252 coeds is currently under construction.

The Science-Library Building consists of a north-south wing, completed in 1915, and an east-west wing, added in 1936. The former houses the music department, the auditorium, and the library. The new wing is devoted to classroom space, physics, chemistry, biology, geology, and special research laboratories.

The Publications Building is a former power plant which was completely renovated in 1946 to provide space for offices of the various campus publications. It now houses the offices of the Saint Joseph's College Alumni Association and the Post Office.

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The Fieldhouse was erected in 1940. Changes made in 1946 have provided seating for two thousand spectators and locker space for some five hundred participants in the sports program.

Halleck Center is named after Charles A. Halleck, Indiana representative in Congress and a member of the Board of Lay Trustees. It contains a cafeteria, student recreation facilities, a multipurpose room and offices for the faculty and student council. The cornerstone for the building was laid by General Dwight D. Eisenhower on September 13, 1962.

Schwieterman Hall, dedicated in May, 1963, is the new residence for priests and brothers of the Society of the Precious Blood. The Y-shaped structure is adjacent to the community dining room and oratory.

The Library. The Library is a vital part of the institution's educational program. It attempts not only to implement and extend class instruction by stimulating study and research, but also to supply such recreational reading material as will foster a love for good books and cultural reading generally.

The library comprises over twenty-three thousand square feet of floor space, sufficient to seat two hundred students and to accommodate more than one hundred thousand volumes. Near the circulation desk and reference room is the reference librarian's desk, where a trained librarian is ready to help the student on a research project or to give him guidance in a reading program.

For the student's convenience there is a room set aside for typing and for microfilm reading. Two conference rooms are also provided on the main floor where small classes may use extensive library material as part of their class work. These rooms are available to groups of students working together on some project requiring cooperative use of library materials. In the lower stack area there are forty-five carrels which provide the student with an individual study desk located near a large, selected group of bound periodicals and journals.

The library has over 135,000 books and bound periodicals. It is also a depository library for Government documents. Over 1,400 periodicals are currently received. In vertical files, in the reference room, there is a selected group of pamphlets and a separate collection of vocational guidance material. A map collection of over 33,000 is separately housed in the Geology Department.

Laboratory Facilities. Science Hall houses the laboratory facilities for the Departments of Biology, Chemistry, Geology, and Physics.

The biology laboratories, situated on the second floor of Science Hall, provide up-to-date equipment for courses in fundamental zoology and botany, microtechnique, microbiology, embryology, histology, comparative vertebrate anatomy, human anatomy, and physiology.

On the third floor of Science Hall are well-equipped laboratories for the use of students of general inorganic and organic chemistry, biochemistry, quantitative and qualitative analysis, and physical chemistry. In addition, there is a large demonstration laboratory.

Geology laboratories, adequate for courses in physical geology, historical geology, mineralogy, petrology, paleontology, photogeology, subsurface geology, straitigraphy, and economic geology are found on the basement level in Science Hall.

The physics laboratories, also situated on the basement level in Science Hall, are equipped for courses in general college physics, electricity and magnetism, physical optics, meteorology, physics of radiology, modern physics, heat, electronics, and radio.

Research. In September of 1946, Father Urban J. Siegrist began special research work in connection with the Institutum Divi Thomae, which was founded in 1928 by the Most Reverend John T. McNicholas, O.P., S.T.M., Archbishop of Cincinnati. A laboratory for research in cellular physiology was built in 1955.

Computer Facility. Located in its own air-conditioned space and under the direction of an experienced director, an IBM 1130 computer with allied unit record equipment provides the opportunity for instruction in the latest of data processing techniques.

Music Department. Saint Joseph's has long recognized the value of music and its contribution to a liberal education. The College seeks to give every student an opportunity for musical expression according to his talent or inclination. In addition to the courses in musical theory, instruction in applied music is available in voice, piano, organ, and all band and orchestral instruments. Students with previous training and experience are urged to join the band, orchestra, or glee club.

The College Community Association. This association, a community building project for College families, was formally approved and incorporated under the laws of Indiana, December 14, 1956. The College has backed this project with the aid of the 1955 Ford Faculty Grant and has made available a 25 acre wooded area for homes.

STUDENT PERSONNEL SERVICES

STUDENT GUIDANCE

Orientation Program. At the opening of the fall semester, the College conducts an orientation program for all new students. Faculty members act as counselors and assist new students in planning their programs for the first semester. In meetings held during these days, the student learns about Saint Joseph's — its traditions, equipment, regulations, and opportunities. Further orientation is given the student during his first semester at the College.

It is the purpose of the College to make the activities of orientation week as interesting and helpful as possible, so that by the time classes begin the new students are settled and are acquainted with the campus, the faculty, and classmates.

The Testing Program. Students at Saint Joseph's may take tests in various fields, the results of which are used chiefly to give the counselor information needed in planning wisely the education program of his counselees. This testing program is administered by the Director of Guidance.

Other tests required of all students, in addition to those prescribed by the instructors in the classes, are the Senior Comprehensive Examinations, which the student takes prior to graduation. Results of these tests are used to check the student's progress.

Counseling. The Director of Guidance assigns to each freshman a member of the faculty to act as his advisor in educational, vocational, and personal matters. Students above the freshman level are permitted to select their own counselors from a list prepared by the Director of Guidance.

Each faculty counselor has access to grades, test results, health record, and other pertinent information on his counselees so that he may be better acquainted with their individual problems.

Religious Exercises. The forming of a true Christian character in the student is the highest aim in education. This happy result can be attained only through religion. The student, therefore, should prize the knowledge and love of religion as his richest possession, and he should be eager to do his part in helping to create and to maintain a religious atmosphere in the daily life on the campus.

All Catholic students are urged to make the annual student retreat and to attend daily Mass and Benediction as also the various devotions. Opportunity for confession is available daily.

The program of religious exercises is arranged by the Chaplain, who is likewise available for consultation on matters of religious observance.

Health Service. The In-Patient and Out-Patient sections of the Health Service are under the supervision of two Registered Nurses. The College Physician has regular hours at the Health Service three days a week and is also available at other times if needed. To insure proper care, quiet, and comfort for sick students, the Health Service is provided with efficient and modern equipment. The services of a clinical psychologist are also available when needed.

At Saint Joseph's, emphasis is placed upon physical and mental health and fitness. All students are required to have a Health Form completed by their family physician attesting to a state of general good health. For the protection of each student now living in a large group every student **must have**, within 12 months of entrance into College the following: a negative Schick Test (if test is positive Diphtheria Toxoid should be given); vaccination for Smallpox; Tetanus Toxoid; Serology; Urinalysis and Chest x-ray. Polio and Influenza Vaccines are also required. These two vaccines are kept on hand at the Health Service at a nominal fee if ensuing doses are required.

Members of the college athletic teams are examined annually by the college physician to insure the physical fitness of all players.

Recreation and Athletics. Recreational activities have been a part of every civilization, and educators, past and present, are in agreement that competitive sports can be helpful in directing the energies of young men into wholesome channels to the end that student health be safeguarded and physical fitness promoted. Inter-collegiate athletics, properly supervised and controlled, contribute to the total educational program of a college.

Saint Joseph's is a member of the Indiana Intercollegiate Athletic Conference. A program of intercollegiate games is provided in football, basketball, baseball, track, golf, bowling, wrestling, and tennis. In addition, the College also supports a well-developed program of intramural games with the idea that all students should participate in sports and "carry-over" recreational skills useful in a society apparently destined to enjoy increasingly more leisure time.

Students participating in intramurals are urged to get insurance coverage; the College will not be responsible for injuries incurred in intramural games.

Furthermore, in order to develop leaders in the area of physical education, the College maintains a Department of Physical Education staffed by competent teachers, supported by a curriculum of standard quality, and supplemented by "laboratory" experience provided through its program of intercollegiate and intramural sports. In all forms of recreation and physical development, the spirit of friendly competition is encouraged and the habit of fair play is inculcated.

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In its athletic program, Saint Joseph's College is governed by the policies of the North Central Association of Colleges and Secondary Schools and by the rules of the Indiana Intercollegiate Conference.

Recognizing the excellent athletic and physical training facilities provided by Saint Joseph's, the Chicago Bears of the National Professional Football League have selected the College as their pre-season training site each summer since 1944.

Veterans Assistance. Saint Josephs' College is officially approved as a school for veterans of military service under the provisions of Public Law 550 and 894 for the Korean veteran, and for war orphans under Public Law 634. For further information, those concerned should address the office of the Registrar.

Military Service. Selective Service provides qualified students with various opportunities for deferment, and the College makes special efforts to acquaint its students with these opportunities.

The Selective Service regulations, as they affect students, were written so as to provide young men with an opportunity to attain the highest educational status possible in order that they may be better suited to serve the defense needs of the nation. It is the experience of the College and its students that almost all draft boards agree with this subjective and are willing to defer qualified students to enable them to continue their education. A folder outlining current Selective Service regulations as they affect students is available upon request from the College.

While Saint Joseph's does not offer R.O.T.C. programs, students in our accredited College are eligible to enlist in the U.S. Marine Corps Platoon Leaders Class, a program carrying draft deferment until graduation and leading to a commission and active duty in the Marine Corps. A folder descriptive of the Platoon Leaders Class is available at the College.

Representatives of the various branches of the armed forces periodically visit the campus to acquaint students with the opportunities for specialized service after graduation.

Placement. The College does not regard its work as finished until it has seen its graduates establish in suitable employment. A placement bureau is operated by an experienced staff member who advises the student in choosing his first job and, when necessary, assist him in finding employment in his chosen field, both directly and through cooperation with recognized governmental and private employment agencies.

ORGANIZATIONS AND ACTIVITIES

Student Government. All members of the student body of Saint Joseph's College, exclusive of the seminarians of the Society of the Precious Blood, are members of the Student Union and are governed by its constitution. Its student-elected officers, the four class presidents, and the chairman of the intra-club committee comprise the Student Council. The Student Council, or its committees, representing the Student Union, serves as a channel of communication and consultation between the student body and the faculty and administrative officers of the College.

Extracurricular Professional Groups. While the academic life has first claim on the student's time, membership in campus professional-interest groups is heartily encouraged at Saint Joseph's. Such associations enable the student to meet his fellow students and his instructors, formally and to learn about his chosen field through group projects, movies, field trips, club meetings, and through contact with prominent men who appear as guest speakers.

Participation in these activities stimulates common professional inclinations, promotes cooperative efforts, and complements the classroom teaching by experiences in group planning.

Included among these professional-interest groups at Saint Joseph's are: the **Accounting Club**; the **Society for Advancement of Management**; the **Student National Education Association**; the **Law Club**; the **Debating Club**; the **Engineers Club**; the **History Club** for those who take courses in that area; the **Sociology Club**; the **Geology**, and the **Digamma Kappa Lambda** clubs for those who are studying the natural sciences; a student chapter of the National Catholic Music Educators Association; the Political Science Club.

In the fine arts, Saint Joseph's has long realized the value of dramatic and musical activities in college life; through them the student becomes an active participant in the artistic accomplishment of others.

Students can find an outlet for their dramatic talent in the **Columbian Players**, the College's oldest extracurricular society. Each year the group presents productions, builds its own stage settings, and handles all lighting equipment, under the supervision of an experienced faculty director.

The **Saint Joseph's College Glee Club**, open to qualifying students, appears in concerts on and off campus. The repertoire includes a wide variety of selections ranging from oratories and polyphonic motets to modern show pieces and negro spirituals.

The **College Band**, open to instrumentalists who qualify, appears in classical as well as "pop" concerts. For athletic contests the Band provides appropriate music and marching maneuvers.

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Four campus publications afford students experience in different types of writing. **Stuff** is the campus weekly newspaper. **Measure**, the literary journal, contains longer articles, such as research papers, short stories, plays, essays, poetry, and book reviews. **Phase**, the pictorial yearbook, makes its appearance early in the first semester. **Parents** is a magazine of information for parents of students and alumni which is published at regular intervals.

Social Clubs. Social and recreational activities, too, are recognized at Saint Joseph's as necessary for the proper development of the student. Membership in campus clubs and participation in the year's social events are strongly encouraged. Each year various student organizations sponsor dances, highlighted by the fall homecoming celebration and the spring formal prom, in addition to a number of Saturday night "mixers" to which young ladies from colleges for women are invited. Saint Joseph's students also attend functions on the girls' campuses.

Social organizations on the campus include the **Monogram Club** for varsity lettermen, **The Father Falter Veterans Post**, the **Chicago Club**, the **Lake County Club**, **The Camera Club**, **Chess-Checkers Club**, **Rifle Club**, **San Jose Railroad Club**, **Fort Wayne Club**, **Detroit Club**, **Ohio Club**, **Weightlifting Club**, the **Colonial Club**, **Gymnastic Club**, the **Couriers**.

Religion Groups. Several of the extracurricular campus societies have objectives which are primarily religious.

The **Don Bosco Club** is for altar boys and for those students who would like to learn to serve at Mass. Daily, about fifty priests offer Mass in the three campus chapels.

The **Sanguinist Club** is the official campus organization for Catholic Action. Under the club are the **Holy Name Society** and the **Pious Union of the Precious Blood**. The Sanguinists assist in the organizing of religious activities at the College.

Affiliated with the Catholic Students' Mission Crusade, the **Dwenger Mission Society** has as its object the study of home and foreign missions and the promotion of their welfare by prayer, sacrifice, and small fund-raising projects.

SUPERVISION OF STUDENT LIFE

The College assumes that men of college age have an adequate conception of the duties and responsibilities expected of them, and that every student who enters Saint Joseph's thereby indicates his readiness to comply with its rules and regulations. At the same time it recognizes an obligation to both students and parents to provide advisory and supervisory agencies.

In matters pertaining to social life, discipline, curriculum, and scholarship, all students come under the counsel and supervision of the Academic Dean, and the Dean of Students, according to the respective jurisdiction of each office. Matters of health are in charge of the College Physician. Administrative officers, assisted by student-faculty committees, make it their purpose to become familiar with student problems and to secure the observance of adopted policies and faculty regulations.

As a further part of the system of supervision, each residence hall has a Rector and one or more faculty members in residence whose duty it is to counsel students on personal matters.

Discipline. Upon entering, each student is furnished with a Student Handbook in which the specific rules of discipline and other regulations are contained. The Dean of Students is the official representative of the College in matters pertaining to the observance of right order and good citizenship both on and off the campus.

Attendance at Saint Joseph's is a privilege and not a right, and it is understood that this privilege may be withdrawn from anyone who does not conform to the traditions and regulations of the College. Every effort is made to encourage the student toward self-government in accordance with the ideals of obedience, honesty, courtesy, and charity. When, however, a student manifests an inability or unwillingness to cooperate with the College in maintaining its regulations and policies he subjects himself to disciplinary action. Matters of discipline are handled by the Dean of Students and the Committee on Discipline. The jurisdiction of the Committee includes cases of dishonesty, intoxication, immoral or improper conduct, serious violation of campus regulations, or behavior prejudicial to the welfare of the student or the best interests of the College. The penalties imposed by the Committee on Discipline may be probation, suspension, dismissal, or other action they may deem advisable.

Leave of Absence. Permission to leave the campus overnight, or for a longer period of time, must be requested from the Dean of Students. Freshmen may secure weekend permissions once every four

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weeks. Regarding town night, freshmen are generally permitted Saturday and Sunday night until 11:30. They may visit Rensselaer during the day without special permission, but must be on campus by 10:00 p.m., except on town nights.

Sickness. Any student requiring the services of the infirmarian should present himself at the Health Center in Dwenger Hall during the appointed hours. Emergency cases will of course, be taken care of at any time. No student will be excused from class on the plea that he was sick unless he has seen the infirmarian before he misses the class. When a student is advised by the infirmarian to remain as a patient, the Dean of Students must be informed.

Student Rooms. Students will be held accountable for the appearance and condition of their rooms. Occupants will, furthermore, be held responsible for any damage to the room. All necessary repairs due to carelessness will be made at their expense.

Students will be required to furnish all blankets, comforters, bedspreads, sheets, lamps, wastebaskets, pillows, and pillow cases for personal use. Towels and bed linens may be rented at the college laundry.

Rooms, most of which are equipped for two men, are furnished with beds and mattresses, chairs, desks, and clothes lockers. At least one set of cleaning equipment is required for each two rooms (four students). Cost on this basis if purchased from the college is \$2.00 per student. Cost of lamp (maximum wattage 100) is \$10.00 to \$15.00, and of pillow is approximately \$5.00, if purchased from the college.

The use of electrical appliances other than radios, record players, and electric razors is prohibited.

Wardrobe. Students are to dress with reasonable neatness. They should come to college sufficiently supplied with the necessary articles of use and wear. Generally, the wardrobe which a student has at home will be suitable for his purpose at College.

A private agency operates a commercial laundry on the campus and will handle campus laundry at a special rate. Attached to the laundry is a laundromat where the student may make use of automatic washers and dryers.

Day-Students. Non-boarding students are admitted to Saint Joseph's provided that during their period of attendance they live either at home or with relatives responsible for them. The College has been able to assist a limited number of married students in locating suitable housing in the city of Rensselaer.

Employment. Students who desire employment on or off the campus as a means of partial self-support should register at the office of the Dean of Students. While the College is in session, resident students may not accept employment off the campus or engage in any business enterprise without the written permission of the Dean of Students. Such permission is also required for canvassing or soliciting money, subscriptions, or donations, on the campus or in the city of Rensselaer.

Automobiles. Students are permitted to have cars on the campus, but may use them only under the conditions laid down by the Dean of Students in the "Student Handbook".

Visitors. Parents and relatives of the students are welcome at the College at any time of the year. They are, however, asked to arrange their visits so as not to interfere with the student's class attendance.

Prospective students and their parents are requested to inquire from the Office of Admissions when guided tours are offered. Interviews with the Admission Office Staff are made by appointment. Direct all letters to that office for admission details and campus visits.

EXPENSES AND FEES

Because of uncertain conditions in the financial world, all terms entered into between the College and the students and parents of students concerning expenses are in force for the ensuing year only; they are subject to revision or renewal each year.

Cost Each Semester

Tuition for one semester \$625.00

This entitles the student to:

1. Academic instruction and advisory direction.
2. Ordinary medical care in the Health Service.
3. Subscription to campus newspaper, literary journal, and year book.
4. Admission to plays, concerts, lectures, and home athletic events.
5. Use of athletic facilities.

Members of the same family attending simultaneously are charged the following tuition rates:

Two members	\$546.88 each per semester
Three members	\$520.83 each per semester
Four or more members	\$468.75 each per semester
Five or more members	\$375.00 each per semester

Board for one semester \$325.00

This entitles the student to three meals a day, seven days a week, except during scheduled vacation periods.

Room for one semester

College Residence Hall	\$125.00
Private Home off Campus	Special Arrangement

Special Fees

Registration Fee (paid once at initial entrance)	\$25.00
Student Council Fee (paid each semester)	15.00
Halleck Center Fee (paid each semester)	25.00
(for day students: a basic fee of \$2.50 per semester plus \$1.50 per credit hour up to \$25.00)	
Graduation Fee (paid once — Senior year)	20.00

Conditional Fees

Late Registration	\$ 5.00
Tuition per credit hour above 17	20.00
Tuition per credit hour for day students (up to a maximum of \$625.00)	42.00
Laboratory Fee for science courses	7.50 to 15.00
Music Lesson: Lesson per week per semester	30.00
Student Teaching (Advanced Education students)	20.00
Credit-by-examination Fee	each test 5.00
Infirmary, each day	5.00
Transcript of Credits	Students \$0.50 Alumni \$1.00

FINANCIAL REGULATIONS

Upon acceptance by the admissions officer, the student is to pay the registration fee of \$25.00, which is non-refundable.

The fee of \$1,115.00 tuition, board, room and Student Council and Halleck Center fees is due two weeks before the beginning of each semester. Saint Joseph's College is pleased to make available to the parents of its students an optional method of payment. For those who prefer to pay their expenses on a monthly basis, the services of The Tuition Plan, Inc., of Chicago may be utilized.

The Tuition Plan has a comprehensive program covering from one to four years of schooling. All multiple-year plans carry the added benefit of parent life insurance for the amount of the agreement. This feature enables the student to complete his education should the signing parent die.

Information concerning this service may be obtained through the Business Office.

Textbooks, laundry service, cleaning equipment for student rooms, and desk lamps are not included in the College fees, but can be purchased on the campus. The average cost of textbooks per semester is about \$50.00.

Remittance should be made payable to Saint Joseph's College by bank draft, personal check, or postal money order through the Rensselaer post-office, and mailed to: Office of the Treasurer, Saint Joseph's College, Rensselaer, Indiana 47978.

Students whose accounts are not paid within the semester will not be admitted to the semester examinations.

Degrees, transcripts, and letters of honorable separation are withheld from those who have not settled their financial obligations to the College.

Students will be personally responsible for all expenses incurred in Rensselaer, including physician, dentist, and oculist fees.

Books, stationery, and other articles may be purchased at the College Book Store.

Students will be required to furnish all blankets, lamps, comforters, bedspreads, sheets, pillows, and pillow cases for personal use.

Charges will be made for damages to property; for medicine, applications, special nursing, and physician's services when required at the local Health Center.

Bank. For the convenience and education of the student, the College operates a private banking system. The student may deposit and withdraw from his account at will. Through this convenience he will learn to handle his funds with discretion and foresight.

Refund Policy. Students who withdraw before the end of the semester will be charged for room and board at the rate of \$4.00 for each day, no refund allowance being made for incidental absences. Student Council fee is non-refundable. The Halleck Center fee is

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refunded on the same basis as tuition. Tuition charges will be assessed on the following percentage basis:

One week or less, 20%; between one and two weeks, 20%; between two and three weeks, 40%; between three and four weeks, 60%; between four and five weeks, 80%; over five weeks, 100%.

STUDENT FINANCIAL AIDS

The College adopts as its own the philosophy that the primary responsibility for financing a college education rests upon the student's family. Financial aid from college and other sources is viewed only as supplementary to the effort of the family. The student requesting financial aid is also expected to contribute toward his own educational expenses, through summer or school term earnings or loans in any reasonable combination. The College is prepared to assist the student through academic scholarships, grants, loans and employment.

Academic Scholarships. Saint Joseph's College annually offers an amount equivalent to 30 full scholarships (Tuition, Board and Room) to worthy and needy high school seniors. The scholarships are awarded on the basis of academic achievement and promise as determined by the student's high school record and his scores on the College Entrance Examination Board Tests. The amount of the scholarship is based on the student's financial needs as determined by the College in cooperation with the College Scholarship Service.

College Entrance Examination Board Tests. All candidates for Academic Scholarships will take the Scholastic Aptitude Test (morning test) of the College Entrance Examination Board, not later than March of the year in which they wish to gain the scholarship. Registration blanks for the test, complete information on the time, place, and nature of the tests can be obtained from either of the two CEEB service centers, namely: College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey, or College Entrance Examination Board, P.O. Box 27896, Los Angeles, California 90027. (Results of the test will be sent by the Board to as many colleges as the student desires.)

College Scholarship Service. Saint Joseph's College participates in the College Scholarship Service (CSS) of the College Entrance Examination Board. Participants in CSS subscribe to the principle that the amount of financial aid granted a student should be based upon financial need. The CSS assists Saint Joseph's College in determining the student's need for financial assistance. Entering students seeking financial assistance are required to submit a copy

of the Parents' Confidential Statement (PCS) form to the College Scholarship Service, designating the Director of Student Financial Aids, Saint Joseph's College, as one of the recipients by April 1. The PCS form may be obtained from a secondary school or from College Scholarship Service, P.O. Box 176, Princeton, New Jersey 08540 or P. O. Box 1025, Berkeley, California 94704.

Limit for filing application. All necessary material must be on file at Saint Joseph's College not later than April 1.

Renewal of Scholarships. The first scholarship is granted for the freshman year. It is thereafter renewable every semester which the student spends at Saint Joseph's College until he graduates, provided that in the previous semester he has maintained at least a B average and his need continues. If a student loses his scholarship he can have it reinstated only by special action of the Committee on Student Financial Aids, which will normally expect him to have at least a cumulative average of B.

Upperclass Scholarships. There are a limited number of scholarships available to sophomores, juniors and seniors who give evidence of superior scholarship and have financial need. They will ordinarily be expected to have at least a cumulative B average in addition to a B average in the previous semester. Such scholarships can be renewed as long as the student continues his B average work, continues to have financial needs, and remains in good social standing.

Endowed Scholarships

The Saint Elizabeth Foundation. A fund established by Mrs. Elizabeth Mullen. The income from \$5,000 is available for a pre-theology student, preferably from St. Patrick's Parish, Kokomo, Indiana.

The Monsignor O'Keefe Scholarship. The sum of \$300 is available each year for a student or students designated by the pastor of St. Mary's Church, Akron, Ohio.

The Monsignor Moore Scholarship. A fund providing for tuition, board, and lodging for a pre-theology student from the Peoria Diocese.

The Michael and Mary Brisch Scholarship. The income from \$5,000 is available to assist in the education of a pre-theology student.

The Father Seifert Scholarship. The income from the Collegeville gravel deposits is available for a student or students selected by the Scholarship Committee.

The Schumacher Family Scholarship. The income from \$12,000 is available for a student or students selected by the Scholarship Committee.

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The Henry W. Schmidt Scholarship. A trust fund of \$7,145 to assist students selected by the Scholarship Committee.

The Bishop Leo A. Pursley Scholarship. The sum of \$500 is available each year for a student from the Diocese of Fort Wayne-South Bend.

The Christopher Jones Memorial Scholarship. Established by his grandparents, Irene and Arthur L. Hellyer. Income from a fund is available for a needy student for the priesthood.

The Frank M. McHale Scholarship. The income of funds provided by the friends of Mr. McHale on the occasion of his 70th birthday is available for scholarship.

National Defense Student Loans. The College participates in the National Defense Student Loan Program established by Congress in 1958. The College furnishes ten percent of the fund and the rest comes from the Federal Government. The College itself selects student recipients, arranges the loans, and is responsible for their collection. A student may borrow in one year a sum not exceeding \$1000.00, and not more than \$10,000.00 during his entire course of education. The repayment period of the loan begins nine months after he completes his course work, Peace Corps or service in the Armed Forces, and then extends over a ten year period. Interest at 3% per year begins to accrue at the beginning of the repayment period. Up to fifty percent of his loan may be cancelled in the event the borrower becomes a full-time teacher in a public or private nonprofit elementary or secondary school or in an institution of higher learning. To be eligible for the loan the student must show that he needs the money to pursue his course of study. This need is assessed by the College in cooperation with the College Scholarship Service.

In addition to the National Defense Student Loans there are also other educational loans available at most banks, especially the federally guaranteed loans established by the Higher Education Act of 1965. Students should make inquiry at their hometown banks or at the Office of the Director of Student Financial Aids at Saint Joseph's College.

Employment. Work is available on campus for those who need to support themselves in this way. The usual number of hours of work is from ten to fifteen a week. It may be more for upperclassmen and less for freshmen.

The College also participates in the College Work-Study Program, in which 90% of the budget is furnished by the Federal Government. Jobs available on this program are in addition to those furnished by the regular college employment program. Assignment

of students to employment of any kind is usually made after the student enrolls. While anyone is eligible for employment on the College Program, only those in need are eligible under the Work-Study Program.

Educational Opportunity Grants. The Higher Education Act of 1965 initiated a program of educational opportunity grants, through institutions of higher education, to assist qualified high school graduates of exceptional financial need to attend college. The College selects the students for the program from among those who apply for financial assistance.

ACADEMIC POLICIES AND PROCEDURES

The provisions of this Catalogue represents adopted policies and current practices, but are not to be regarded as an irrevocable contract between the College and the student. The College reserves the right to change provisions or requirements and to fix the time when such changes shall become effective.

Admission. All correspondence relating to admission should be addressed to the Director of Admissions, Saint Joseph's College, Rensselaer, Indiana 47978. Application for admission should be filed as early as possible and all credentials should be in the hands of the College at least three weeks before the opening of the school term. Application forms will be sent upon request. An application fee of \$10.00, not refundable and not applicable to other charges, must accompany the application. All credentials submitted as part of the admission procedure become the property of the College.

General Requirements For Admission. All applicants shall comply with the following requirements:

1. Application form filled out completely by the applicant.
2. Official transcript of credits from all high schools and colleges previously attended, mailed directly from the schools to the Director of Admissions.
3. Evidence of good health and proper immunization provided on an official medical certificate form supplied by the College after an application has been approved.
4. Notification of acceptance from the Director of Admissions. Final action in each case is based upon satisfactory evidence of moral fitness and scholastic ability of the applicant to succeed and profit as a student at Saint Joseph's College. The Committee on Admissions reserves the right to require any candidate to submit additional evidence in this regard before making its decision.

Admission to Freshman Standing. Candidates for freshman standing will be selected from among applicants who, in addition to being persons of wholesome character, sound morals, and good citizenship, present the following academic qualifications:

1. Certificate of graduation from an approved high school. Graduates from other high schools may be accepted conditionally; full standing will be dependent upon subsequent work.
2. Minimum of fifteen units, ten of which must be from the following academic fields: English, Foreign Language, Social Studies,

Mathematics, and Natural Science. (It is not necessary that all of these fields be represented in the ten units.) The term "unit," expressing a measure of academic credit, represents a subject carried through not fewer than thirty-two weeks with five recitations a week, or the equivalent.

3. Every applicant for admission to the freshman class is required to take the Scholastic Aptitude Test of the College Entrance Examination Board. The test is given in December, January, March, May, and August. It is recommended that the Scholastic Aptitude Test be taken early in the senior year. Students wishing to make application to take the tests should procure application forms from their secondary schools, or write directly to the College Entrance Examination Board, Box 592, Princeton, New Jersey, or Box 27896, Los Angeles, California, for the Bulletin of Information, which includes an application form and is available without charge. The bulletin lists test centers and gives complete information concerning the tests. Because of deadlines for filing application to take the College Board tests, the student must make his arrangements well in advance of the testing date so that his application may be received in Princeton or Los Angeles by the closing date.

4. A student must achieve a 1.60 predictive index to be admitted to freshman standing.

Note: Whether or not the student meets these entrance requirements will be determined on the basis of information contained in his high school record. It is understood that these minimum requirements do not necessarily guarantee an applicant's admittance. From among the applicants who meet the entrance requirements, the College reserves the right to select those best qualified to succeed at Saint Joseph's. For this reason, the approval or rejection of an application may, in some cases, be deferred till later in the admissions period.

Exceptions:

1. Applicants who fail to meet all the above qualifications, and yet for other reasons give promise of success in college, may be permitted to take an entrance examination or be admitted upon the exceptional recommendation of the high school principal or counsellor.
2. Where in individual cases the applicant meets the regular requirements for admission and yet shows signs of inadequate preparation for college, the Committee on Admissions may require further evidence through an entrance examination or other means.

Early Admissions. Exceptionally well qualified students who have not graduated from high school, but who have completed at

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least their junior year, may be admitted to freshman standing. Their eligibility for admission will be determined on the basis of high school courses and grades, objective tests and the recommendation of their high school principal or counselor.

Admissions To Advanced Standing. Students transferring from other institutions whose curricula are substantially the same as those of Saint Joseph's may be admitted with advanced standing. A transfer student must:

1. Meet the general entrance requirements.
2. Be eligible to continue in the institution from which he wishes to transfer.
3. Be entitled to honorable separation from the institution last attended.
4. Present an index appropriate to his standing at Saint Joseph's (i.e., a cumulative index of 1.60 for first or first two semesters of college work; of 1.80 for first three or first four semesters; of 1.90 for first five or first six semesters; 2.00 for all work after sixth semester).
5. No credit will be allowed for work which is not declared prior to admission.

Admission of Special Students. Mature students who wish to pursue particular studies without being candidates for a degree may be admitted as special students if it seems that they profit from such work. In no case, however, will an applicant under twenty-one years of age be considered eligible to enter as a special student unless he has graduated from high school.

Work done by special students will not be counted toward a degree until all entrance requirements have been fulfilled.

Enrollment. All students are expected to report on the campus on the days officially designated in the College calendar. No new student will be admitted unless he has received official notice of acceptance from the Director of Admissions.

Registration. No student will receive credit for any subject taken in a class for which he has not been duly registered.

After a student's class schedule has been approved, changes in courses or class sections must in each instance be approved and properly recorded in the Registrar's Office.

Late Enrollment. Students failing to enroll or to pay fees and tuition on enrollment day as designated in the catalogue must pay a late enrollment fee.

Class Schedule. A "Schedule of Classes" is published at the beginning of each semester, showing the courses that are offered, the time of meetings, the room numbers, and the instructors. The College reserves the right to withdraw an announced course for which fewer than five students register. It also reserves the right to assign students to class sections and to limit the number of students who may elect a course in case the class becomes unduly crowded or is of such a nature that limited enrollment will be advantageous.

Faculty counselors will assist students in planning their programs of study. The suggested programs which are listed in the catalogue for each department in which a major sequence is offered may serve as preliminary guides for the tentative selection of courses. In all cases it is advisable that the student select his major by the end of his sophomore year and consult his faculty counselor regarding the pattern of courses for the major and minor sequences and the appropriate electives. A student's semester schedule of classes will not be considered final until it has been approved and filed in the Office of the Registrar. Opportunity for necessary adjustments in class schedules is provided during the first week of classes in each semester.

Change of Schedule and Cancellation of Courses. During the first week after the beginning of classes in each semester a student may, with consent of the Registrar, change his schedule by adding or cancelling courses. Courses cancelled during this period do not appear on his permanent record. The student, however, is encouraged to register with care so that such class changes become unnecessary or are reduced to a minimum.

Class Load. The normal amount of work for which a student registers in one semester is sixteen or seventeen hours. To be classified as a full-time student he must register for a minimum of twelve semester hours, or for class work totaling at least fifteen periods per week. Permission to register for a course in excess of eighteen hours must be obtained from the Dean of the College; the basis for such permission shall be the student's ability as evidenced by previous college work. An extra tuition charge of \$20.00 for each credit hour in excess of seventeen will be applied to the student's account, except that students maintaining a cumulative index of 3.00 or better may carry twenty hours before an extra charge is made.

Class Attendance. All students are expected to attend all lectures, laboratory exercises, and scheduled examinations.

In sophomore and upper-level courses (# 20 and above), class attendance is the student's responsibility. However, students enrolled

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in freshman courses (# 19 and below) are required to attend all class meetings.

The total number of absences tolerated in a freshman course is not to exceed the number of times that course meets each week. If the absences exceed the number tolerated in a course, the reason for the additional absence must be accepted by the Academic Dean; verification of this acceptance will be forwarded to the instructor within seven days after the student's return to class.

The following are the reasons for which official excuses are given:

- a) Such sickness of the student as incapacitates him for class attendance (so attested by the infirmarian or a physician).
- b) Death or serious illness in the student's immediate family.
- c) Attendance at the wedding of a brother or sister.
- d) Properly authorized engagement in the interests of the College.
- e) Properly authorized participation as a team member in inter-collegiate competition.
- f) Official government summons beyond the control of the student.

Instructors, in individual instances, may exempt sophomores and upper-classmen from the attendance regulation in freshman-level courses. Furthermore, it is within their jurisdiction to handle the matter of excessive class absence at any level.

Withdrawals From Courses. After the limit for changes in class schedule, **Seniors, Juniors, and Sophomores** may not withdraw from a course for which they are registered except with permission of the Academic Dean, after presenting written evidence of consultation with their professor and faculty advisor. Forms for this purpose can be obtained at the Office of the Academic Dean. Such withdrawals will be indicated on the student's record with letter "W." By discontinuing a course without an official withdrawal, he automatically incurs an "F." **No official withdrawals will be given later than one month after the opening of classes in each semester.**

In his first semester at college, however, a **Freshman** may withdraw without penalty of failure until one week after the mid-semester grading period. (See College Calendar.) He likewise must secure permission of the Academic Dean, after presenting written evidence of consultation with his professor and faculty advisor. Forms for this purpose can be obtained at the Office of the Academic Dean.

Withdrawal From The College. Any student (except he be a graduating senior) who, as the end of a semester approaches, is aware that he will not register for the following semester is asked in courtesy so to inform the Registrar and the Dean of Students. About to withdraw from the College during a semester, he must report this fact to the Dean of Students and the Registrar; failing to do so he will forfeit honorable separation. Students who discontinue either during or at the end of a semester without having settled their financial obligations to the College will be refused honorable separation and official transcript of credit until all accounts are paid.

Good Standing. A student is granted honorable separation provided he is in good standing. This signifies that the student is eligible to continue, to return, or to transfer elsewhere. It implies good academic standing as well as good citizenship.

Credits. The unit of academic credit is the semester hour. It represents the work of a semester course which meets once weekly for a fifty-minute period requiring approximately two periods of preparation. Thus, a class which meets twice weekly carries two hours of credit; three times weekly, three credits. One laboratory period (two to four hours) is the equivalent of one class meeting. The passing grade required before a student can receive credit is D.

Credit By Examination. Any regularly enrolled student of Saint Joseph's College in good academic standing may receive credit for any course in which he gives evidence of superior achievement by passing an examination in the subject matter of the course with a grade of A or B. The credit and grade thus earned will be entered on the student's academic record and will count toward fulfillment of the regular requirements for graduation.

Courses (with grade and credit) earned through credit by examination are not computed in the semester index but only in the cumulative index.

1. **Schedule of Tests:** (a) at the beginning of the first semester; (b) the first semester final examinations; application must be made before October 9, (c) the second semester final examinations; application must be made before March 1.

2. **Application to take credit by examination** is made at the Office of the Academic Dean. Fee for each test taken is \$5.00.

3. **Eligibility.** No student may receive credit by examination (a) in a course for which he is currently enrolled for credit, or has, at some time, enrolled for credit or audit; (b) in courses involving laboratory experience or practice; (c) in introductory foreign language courses for which a student shows high school credit. (In programs requiring two years of foreign language, the requirement is

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fulfilled by advanced placement plus the completion of the sophomore year of the language course.)

4. Recording of tests. A record shall be kept in the student's folder of all tests taken with the intention of receiving credit by examination. Only those courses, however, for which the student receives credit (by a grade of A or B) will be entered onto his permanent scholastic record, and designated as Credit by Examination.

5. Tests. The tests shall be regular semester tests of the type given in the course for which the student is seeking credit. Such tests shall be made out, scored, graded and administered by an Instructor appointed by the Academic Dean.

Television Credit. Students enrolled at Saint Joseph's College may receive credit for television courses: (a) on a transfer basis from any recognized college granting such credit; (b) from television courses conducted under campus supervision.

Independent Study. Students enrolled at Saint Joseph's who have a cumulative index of 3.00 or better may receive credit for self-study. This program provides the opportunity for a student to pursue special topics, reading programs or projects within existing departments apart from courses listed in the catalogue. Students are required to make a grade of C or better; the credit and grade thus earned will be entered on the student's academic record and count toward graduation.

Auditing Courses. Auditing a course means attending class without obligation with respect to regularity of attendance, outside class work, or examinations. Students register for audit courses in the same manner as for credit courses. The total number of credit and audit hours combined for which a student registers may never exceed twenty-one a semester. Audited courses are recorded in the Registrar's Office but do not form a part of the student's permanent scholastic record. For full-time students the fee for auditing a course is \$5.00 for each semester-hour in excess of seventeen hours of credit and audit work combined. For part-time students the fee is \$15.00 a semester hour.

Grading System. Grades are given in letter symbols; no definite numerical value is indicated. The symbol A indicates excellent achievement; B, above average; C, average; D, acceptable but poor; F, failing; W, withdrew; I, incomplete.

Grade Reports. Grade reports for all students are made to the Registrar twice each semester. The mid-semester reports are tenta-

tive indications of the student's progress; those following the semester examinations form his permanent record. Reports are issued to parents and students after each grading period.

Quality Points. A grade of A represents greater accomplishment in a four-credit course than does the same grade in a two or three-credit course. In order that a student's degree of success on the basis of both factors (amount of work represented by his courses, and the grades received) may be judged, use is made of the quality point. Quality points assigned to a grade multiplied by the credits allowed in a subject will give the total points accruing to the student for his achievement in that subject.

Grades	Meanings	Quality Points
A	Excellent	4
B	Above Average	3
C	Average	2
D	Acceptable but Poor	1
F	Failing	0

Incomplete Grade. A course in which the grade of I is received will not be considered in computing the index until the incomplete grade is removed. If the I is not removed within five weeks after the semester (except in Honors Courses), a grade of F will be assigned.

Repetition of Courses. If a student repeats a course which he has passed, only the higher of the two grades which he has received for the course is counted in computing his cumulative index. If he repeats a course in which he has failed, both grades are counted in computing his cumulative index.

Scholastic Index. The index expresses in one convenient symbol the ratio of a student's total quality points to his total hours attempted. This ratio is found by dividing the sum of the student's quality points by the sum of hours attempted. Thus, if his points equal his hours attempted, his index will be 1.00, indicating that he is maintaining himself at the general level of D.

Honor Students. Students with a cumulative index of 3.00 or higher are classed as Honors Students. In order to deepen and to further the education of these students and to encourage them to independently study and research, the College offers certain academic privileges to them.

Students with a cumulative index of 3.00 or above, (a) are eligible to complete residence requirements in seven semesters or equivalent; (b) are eligible to graduate with honors by taking Honors

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Course 51 in their major field. The honors course may be started by making application in the Office of the Academic Dean in the student's second-last semester; the student registers for the course in his last semester. (Honors 51 may also be taken by students who have a 3.00 cumulative index in their major field even though they may not be otherwise classified as Honors Students).

Dean's List. Students with a semester index of 3.50 or higher are placed on the Dean's List.

Junior Year Abroad. Students who plan to spend their junior year abroad are to apply to the Academic Dean's Office at the beginning of their fourth semester. There are two types of programs available:

- a) programs involving instruction in a foreign language at a foreign university;
- b) programs involving instruction in English at a foreign university either by participating in the Institute of European Studies programs at the University of Vienna or at the Institute for American Universities affiliated with the University of Aix-Marseilles in southern France.

Students on Junior Year programs are required to complete all graduation requirements.

Probation and Dismissal. The mid-semester grades serve as an indication of the Student's adaptability to his chosen program of studies. Both the parents and the student are informed when his work is below the required level at the mid-semester grading period.

In order to graduate a student must have a cumulative index of 2.00. While this index is not required at any point in the student's career prior to graduation, he must nevertheless show a steady progress towards this goal. Thus it is required that the student must maintain a cumulative index of 1.60 during his Freshman year, a cumulative index of 1.80 during his Sophomore year, a cumulative index of 1.90 during his Junior year. In any semester in which he fails to achieve the required cumulative index he is placed on probation. If he fails to achieve the required cumulative index at the end of the next semester, he is dropped for poor scholarship. In individual cases, and only where special circumstances are involved, the student may appeal to the Academic Senate for continuation in the College. This appeal must be made in writing to the Academic Dean within two days after he receives notification of his status. For purposes of computing the cumulative index, a summer session is considered as a part of the student's previous year.

Students who, at the semester grading period, fail in as much as one-half of their work will be dropped for poor scholarship.

Students dropped for poor scholarship may, after the lapse of a semester, apply for readmission. If their application is approved, they will be readmitted on probation and must maintain the scholastic index required by their classification. If dropped for poor scholarship a second time, they are not eligible for readmission.

Classification. Students are enrolled as **regular** when they meet all entrance requirements and have been approved for a course of studies leading to the bachelor's degree; as **special** if the course work is not to be counted toward the fulfillment of degree requirements. Students may be registered as either full-time or part-time students. A full-time student is one who is carrying a minimum of twelve semester hours of college credit, or who is registered for class work totaling at least fifteen periods per week.

A student is classified as a **freshman** if he meets the entrance requirements; as a second semester **freshman** when he has completed **12 semester hours**; as a **sophomore** when his record shows **28 semester hours** of college credit; as a **junior** when he has earned **58 semester hours**; and as a **senior** when he has completed **92 semester hours** of credit. In addition, for purposes of probation and dismissal, a student is considered a second semester freshman after he has been a full-time student for one semester and a sophomore after he has been a full-time student for two semesters.

Athletic Eligibility. A student is eligible to participate in inter-collegiate athletic contests under the following conditions:

1. Be of approved physical condition as certified by the College physician.
2. Meet the requirements for classification as a regular full-time student at Saint Joseph's College.
3. Be enrolled as a fulltime student both in his previous semester and in the present semester, unless he is a beginning Freshman.
4. Be in good academic standing as determined by the scholastic index requirement according to his classification.
5. Be eligible to play in a designated game according to the rules, policies, and approved practices of the **Indiana Collegiate Conference** with respect to amateur standing, length of previous participation, institutional transfer and similar matters.

It is the responsibility of the players as well as the coaching

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staff to know and comply with the letter and the spirit of the athletic policies adopted and approved by the faculty.

Awards and Prizes. The recognition of merit in the individual is natural and proper as an incentive to personal and social progress. The awards and prizes listed below represent the College's attestation of the recipients' excellence in written and oral expression as demonstrated in the annual competitive exercises in a variety of fields. In all cases the College reserves the right to withhold an award if, in the opinion of the judges, none of the entries in a contest attains a standard of excellence sufficient to merit the distinction implied by the conferring of the award.

National Honors Societies. On October 15, 1956, the Gamma Delta Chapter of Delta Epsilon Sigma, National Catholic Honors Society was installed at the College. Junior students who have a minimum of a B average are eligible for this distinction; in the spring semester of 1960, the College established a chapter of Phi Eta Sigma, a national honors society for freshmen and sophomores; eligible are freshmen with a 3.50 index.

The Alumni Essay Award. The sum of twenty-five dollars is awarded annually to the student submitting the best English essay to a committee of three judges. The Saint Joseph's Alumni Association is the donor of this award. The second prize is fifteen dollars.

This contest is open to all students. Contestants must submit three typewritten copies of their work, under an assumed name or some special mark of identification, to the professor in charge of the contest not later than May 1 of the current year.

The Father Rapp Speech Award is sponsored semi-annually by the speech department in honor of the Rev. Ildephonse Rapp, Professor Emeritus of Speech and Scholar of Rhetoric. Three trophies, first, second and third place, are awarded to the superior students selected from the basic courses in speech for participation in the contest. The awards are presented semi-annually at the conclusion of the final contest in the college theatre. A plaque inscribed with the names of the first place winners is also maintained in the lobby of the auditorium.

Trustees Business Award. A plaque and the sum of one hundred dollars, donated by the Board of Lay Trustees of St. Joseph's College, is annually awarded to the student graduating from the Division of Business or Accounting, who, in the estimation of a committee of instructors, is most deserving of the award in view of his superior scholarship and his leadership in extracurricular activities. In order that a student may be considered for the award he must have

achieved a cumulative scholarship average of the grade of B, implying a scholastic index of 3.00 and meriting graduation with the distinction, **Cum Laude**.

The Louis B. White Award. This special citation of merit is presented annually by the **Glee Club** to its most outstanding member. The award was initiated in memory of Louis B. White, '52, former president of the **Glee Club**, who gave his life for his country in 1953.

GRADUATION REQUIREMENTS

Degrees. Saint Joseph's College confers the Bachelor of Arts degree in Biology, Biology-Chemistry, Chemistry, Economics, English, Geology, History, Mathematics, Mathematics-Physics, Music, Philosophy, Political Science, Sociology, Speech and Theology; the Bachelor of Science degree in Accounting, Finance, Management, Marketing, Education, and Physical Education. However, the student who majors in Biology, Chemistry, Geology, or Mathematics, may, if he prefers, receive the Bachelor of Science degree. Students completing the curriculum for the preparation of elementary teachers receive the Bachelor of Science in Education degree. (B.S. in Ed.)

A Second Bachelor Degree. Students of Saint Joseph's College may qualify for a second baccalaureate degree by spending at least one semester of residence at Saint Joseph's, by completing catalogue requirements for their first degree, and by showing twenty-four hours upper level credit in a second major.

A student holding a bachelor's degree from another accredited college may qualify for a degree from Saint Joseph's by a semester of residence and by showing 24 hours and passing a comprehensive examination in his major field.

Degrees in Absentia. Students who have attained senior standing after the completion of three years of residence and who have then transferred to a school, of law, engineering, or medicine may secure the degree in absentia. In addition to the requirements regarding total hours in general education, advanced courses, major and minor sequences, and comprehensive examinations, the candidate will be required to show successful completion of the first year's work in the professional school in which he has enrolled.

Graduation With Honors, is conferred on the basis of successful completion of an honors seminar in the department of the student's major together with a cumulative index (through the four years of college) of 3.00 for the honor **Cum Laude**, of 3.50 **Magna Cum Laude**, and of 3.75 for **Summa Cum Laude**.

Graduation with Honors for Degree in Absentia. Students transferring to a professional school and planning to graduate in absentia, may graduate with honors from Saint Joseph's College by completing an honors paper in the semester preceding their transfer to a professional school. To be admitted, a student must ordinarily have a 3.00 cumulative index for his first two years. The grades which the student transfers from the professional school at the time when he qualifies for graduation from Saint Joseph's College, must, on an equivalent basis, qualify him for honors.

Honors Seminar. As a means to promote scholarship and initiative on the part of superior students, those departments which offer a major also conduct an honors seminar. This is a course in independent study, directed reading, and research in the student's field of concentration, the results of which are to be formulated in a research paper. To be admitted the student must have maintained a 3.00 cumulative index in his major sequence. Topics for research must be approved by the student's major professor.

Residence. Completion of the college course requires normally that the student be in residence for eight semesters or the equivalent.* Twelve hours of summer session credit are considered equivalent to one semester. Work completed at off-campus extension centers is accepted up to sixty semester hours. Not more than twelve within this maximum of sixty hours may be taken by correspondence. The last thirty semester hours and sixty quality points must ordinarily be completed on the campus of Saint Joseph's College. For exceptions, see "Degree in Absentia," and "Junior year abroad."

Semester Hours and Quality Points.

1. A minimum of 124 semester hours and 248 points are required for graduation (a cumulative index of 2.00).
2. The number of quality points earned in courses of the major or group major sequence must equal at least twice the number of credit hours taken (a cumulative index of 2.00 in the major field).
3. At least 60 hours must be completed on the lower level, including the prescribed work in general education; at least 50 hours, including the requirements of advanced and special education, must be completed on the upper level.
4. Not more than 42 hours in a single department will be counted toward the minimum total required for graduation.

Course Requirements. The faculty of Saint Joseph's College has given considerable thought and effort to the building of a curriculum which will provide a sound program of general education for all students. It is generally agreed that colleges exist for the purpose of transmitting the cultural inheritance; that every educated person should have an acquaintance with the facts and the methods of inquiry in the chief fields of knowledge; and that learning must have breadth as well as depth. While, therefore, the courses in general education are wide in scope, they must not be regarded as shallow or superficial, for they have been designed to be both the foundation and the complement of the more specialized courses in designated fields of concentration.

* See exception for Honors Students, p. 45.

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Every approved sequence of courses leading to a bachelor's degree is based on the assumption that as the student advances, he must accept an increasing share of the responsibility for his own education. Within the framework of a few basic principles of organization and minimum essential requirements, he is encouraged to select advanced courses which best fit his needs, interests, and vocational aspirations. In all cases it is advisable that the student select his field of concentration by the end of his sophomore year and consult his faculty counselor regarding the pattern of courses for the major and minor sequences and the appropriate electives.

All courses are grouped under the several departments of the college. Freshman and sophomore courses (numbered respectively 1-19 and 20-29) are designated **lower level**; junior (30-39) and senior (40-60) courses are designated as **upper level** on the basis of content and instructional procedures. Freshmen may not register for upper-level courses. Ordinarily, odd-numbered courses are offered during the first semester and even-numbered courses during the second semester.

Lower-Level Requirements: General Education (1-29).

The number of semester hours a student must earn on the lower level is a minimum of sixty. Of these, the following specified courses constitute, with exceptions noted below, that part of the program of general education required of all. They are to be completed, ordinarily, by the end of the sophomore year, and, where a precise order is indicated, they must be taken in sequence.

	Semester Hours	
English 20	3	
History 11-12	6	
Humanities 25, 27	4	
Literature I, II	6	
Philosophy 12, 21	6	
Theology 19, 20	6	
Science (for the non-science major)	6-8	
	Two introductory courses in the area of the physical sciences or mathematics which must be in sequence. Biology 11-12 or Chemistry 11-12 or Geology 11-12 or Physics 21-22 or Mathematics 11-12.	
Social Science Electives	3	
	This requirement is satisfied by a course from any of the following departments; economics, history, political science, sociology.	
Speech 15	2	
	—	

ADVANCED AND SPECIAL EDUCATION**Exceptions:**

1. Certain adjustments and substitute courses are provided for the student who at registration definitely plans to follow a program in the natural sciences, or teacher training. See details under these heads.
2. The extent to which the lower-level credits presented by the transfer students are acceptable in fulfillment of the requirements in general education is determined by the Dean of the College.
3. Students who are not of the Catholic faith are at liberty to substitute other courses for the 6 additional hours in theology regularly included in the lower-level program.

Foreign Language. While offered as a recognized element in liberal education, foreign language study is not required of all. However, German specifically is required of Chemistry majors; a foreign language is required of Biology and English majors; and German or French is strongly recommended for the student planning to enter graduate school.

Upper Level Requirements: Advanced and Special Education (30-51)

The number of semester hours on the upper level required for graduation is a minimum of fifty. The program of advanced or special education will include the following:

Theology. Six upper-level hours in theology which may be any except Theology 46 are required of all students, except those who are not of the Catholic faith.

Philosophy. Six upper-level hours in Philosophy, including Philosophy 31, are required of all students.

Major Sequence. Ordinarily this will embrace a minimum of twenty-four semester hours of upper-level credit in a department. For a group major, thirty-six hours of upper-level credit are required in specified departments. Students should observe special regulations under each department, especially regarding the lower-level prerequisites for major sequences.

Minor Sequence. Ordinarily this will be a minimum of twelve semester hours of upper-level credit in a department chosen for its relation to the student's major sequence. Five courses in All-College Honors are acceptable as a substitute for the minor sequence. The

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minor sequence is not a graduation requirement but, if a student completes such a sequence, it will be noted on his permanent record at his request.

Electives. Additional courses may be necessary to complete the fifty upper-level hours and a total of 124 semester hours and a minimum of 248 quality points required for graduation.

GRADUATION CHECK LIST

The student is ultimately responsible for the fulfillment of all that is required toward graduation. Ordinarily he is held to the requirements of the catalogue in force at the time of his first enrollment; all subsequent changes will be announced by official bulletin from the Office of the Academic Dean and by the Registrar in his semester schedule of courses.

To assist the student in keeping track of his academic health and growth, to furnish him likewise with a record that will make his visits with the counsellor or both helpful and meaningful, the check-sheet on the following three pages is inserted in this catalogue. The column on the left side of each page is for the ordinary student who enrolls as a freshman at Saint Joseph's College; that on the right is for students who transfer from another college. The latter can obtain a statement of the equivalencies of his transferred courses from the Office of the Academic Dean. Students should not fill in this check-sheet till the grades and credits are actually acquired.

On the first of the following three pages is a brief summary of the graduation requirements of Saint Joseph's College which the student should consult from time to time and fill in as he progresses through his courses. On the next two pages are blanks for recording grades, hours, and quality points from which indices can be computed. (Directions for computing indices are found elsewhere in this catalogue. However, it is important to remember that a **cumulative** index is not just an average of semester indices. Rather, it is computed by dividing the total number of hours taken into the total number of quality points earned irrespective of when the courses were taken.)

GRADUATION CHECK LIST

INDICES:

1. Total indices (compute all courses taken):

Year:	Sem. I	Sem. II	Cumulative
Freshman			
Sophomore			
Junior			
Senior			

2. Major indices (compute only upper-level courses in major sequence):

Year:	Sem. I	Sem. II	Cumulative
Junior			
Senior			

3. Cumulative total index for all four years:
(2.00 minimum for graduation)

4. Cumulative major index (upper level courses)
(2.00 minimum for graduation)

HOURS:

1. Total number of lower-level hours passed
(60 minimum for graduation)

2. Total number of upper-level hours passed
(50 minimum for graduation)

3. Total number of hours passed
(124 minimum for graduation)

4. Total number of hours in major sequence
(24 minimum for graduation; 36 in group-majors; 42 maximum which may be counted towards graduation)

OTHER REQUIREMENTS:

1. Residence: 8 semesters (7 for honor students) Last 30 hours taken on campus

2. (For honors): Honors seminar paper approved and two copies filed with Registrar

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LOWER LEVEL (Courses numbered 1-29)
GENERAL EDUCATION COURSES (required of all students):

Course:	No.	Hours	Grade	Transfer Student's Equivalent:
English	20			
History	11			
History	12			
Humanities	25			
Humanities	27			
Literature	I			
Literature	II			
Philosophy	12	✓		
Philosophy	21			
Theology	19			
Theology	20			
Sci/Math I				
Sci/Math II				
Social Sci.*				
Speech	15			

DEPARTMENTAL PREREQUISITES:

ELECTIVES:

* Any course in the area of the Social Sciences, upper or lower level, fulfills this requirement.

GRADUATION CHECK LIST 57

UPPER LEVEL (Courses numbered 31-49)

GENERAL EDUCATION COURSES (required of all students):

Course:	No.	Hours	Grade	Transfer Student's Equivalent:
Philosophy	31	✓		
Philosophy		✓		
Theology	✓			
Theology	✓			

MAJOR SEQUENCE:

ELECTIVES AND/OR OPTIONAL MINOR SEQUENCE:

SUGGESTED PROGRAMS

PROGRAM I. Recommended for the general student and for those who intend to major in Business Administration, History, Mathematics, Mathematics-Physics, or Music.

FRESHMAN YEAR			SOPHOMORE YEAR		
Course No.	Sem. I	II	Course No.	Sem. I	II
History 11-12	3	3	English 20	3	
Humanities 25, 27	2	2	Philosophy 21	3	
Literature I, II	3	3	Theology 20	3	
Philosophy 12		3	Science/Mathematics	4-3	4-3
Theology 19	3		Social Science*		3
Electives or Languages or Prerequisites }	6	6	Speech 15	2	
	—	—	Electives or Languages or Prerequisites }	6	6
Total Hours	17	17	Total Hours	18-17	16-15

PROGRAM II. Recommended for students intending to major in Accounting, Economics, English, Political Science, Philosophy, Physical Education, Psychology, Sociology, Speech or Theology.

FRESHMAN YEAR			SOPHOMORE YEAR		
Course No.	Sem. I	II	Course No.	Sem. I	II
History 11-12	3	3	English 20	3	
Humanities 25, 27	2	2	Philosophy 21	3	
Literature I, II	3	3	Theology 20	4-3	4-3
Philosophy 12	3		Social Science*		3
Theology 19		3	Speech 15	2	
Electives or Languages or Prerequisites }	6	6	Electives or Languages or Prerequisites }	6	6
	—	—		—	—
Total Hours	17	17	Total Hours	16-15	18-17

* Any course from the area of the Social Sciences, upper or lower level, fulfills this requirement.

PROGRAM III. Recommended for students intending to major in Biology, Biology-Chemistry, or Geology.

FRESHMAN YEAR			SOPHOMORE YEAR				
Course No.	Sem.	I	II	Course No.	Sem.	I	II
Literature I, II		3	3	English 20		3	
Philosophy 12		3		History 11-12		3	3
Theology 19			3	Humanities 25, 27		2	2
A { Biology 11, 12	4	4		Philosophy 21			3
Chemistry 11, 12	4	4		Theology 20		3	
Mathematics 11, 15	3	3		Social Science*		3	
B { Chemistry 11, 12	4	4		Speech 15			2
Geology 11, 12	4	4		Electives or Languages or Prerequisites }	3	6	
Mathematics 11, 15	3	3					
	—	—			—	—	
Total Hours		17	17	Total Hours		17	16

PROGRAM IV. Recommended for students intending to major in Chemistry.

FRESHMAN YEAR			SOPHOMORE YEAR				
Course No.	Sem.	I	II	Course No.	Sem.	I	II
Literature I, II		3	3	Chemistry 31-32		4	4
Philosophy 12		3		English 20			3
Theology 19			3	History 11-12		3	3
Chemistry 11, 12	4	4		Humanities 25			2
Mathematics 11	3			Mathematics 26		3	
Mathematics 15, 25	3	3		Philosophy 21			3
Humanities 27	2			Theology 20		3	
Social Science*		3		Speech 15		2	
	—	—		German 1-2		3	3
Total Hours		18	16	Total Hours		18	18

Elementary education, engineering and music students. These programs are somewhat complex and are worked out in detail under the respective departments.

Notes on Programs. The above programs are only suggested. Nevertheless, it would be rash for any lower-level student to change them without first consulting his faculty counselor or the Academic Dean. The bracketed parts of the programs vary with the departmental requirements. These variations are noted under the headings of each department.

* Any course from the area of the Social Sciences, upper or lower level, fulfills this requirement.

MAJORS, MINORS AND DEGREES OFFERED

Department	Major (24 hrs.)	Minor (12 hrs.)	Degree
Accounting	x	x	B.S.
Biology	x	x	B.S.
Biology-Chemistry	x		B.S.
Business Administration			
Finance	x	x	B.S.
Management	x	x	B.A. or B.S.
Marketing	x	x	B.A. or B.S.
Chemistry	x	x	B.A. or B.S.
Economics	x	x	B.A.
Education		x	
Elementary	x		B.S. in Ed.
Engineering			
Five year program*			B.A.
English	x	x	B.A.
Geology	x	x	B.A. or B.S.
History	x	x	B.A.
Languages			
French		x	
German		x	
Greek			
Latin			
Spanish		x	
Liturgical Music	x	x	B.A.
Mathematics	x	9 hrs.	B.A. or B.S.
Mathematics-Physics	x		B.A. or B.S.
Music	x	x	B.A.
Philosophy	x	x	B.A.
Physical Education	x	x	B.S.
Physics		x	
Political Science	x	x	B.A.
Psychology	x	x	B.A.
Sociology	x	x	B.A.
Speech	x	x	B.A.
Theology	x	x	B.A.

* Five year Engineering programs are available in Aeronautical, Agricultural, Chemical, Civil, Electrical, Industrial, Mechanical and Metallurgical Engineering. After three years at Saint Joseph's and two or three semesters at University of Detroit, Marquette University, New York University, Purdue University, Rose Polytechnic Institute, Saint Louis University, University of Illinois, University of Notre Dame or any accredited engineering college, the student may qualify for a B.A. degree from Saint Joseph's. After his fifth year, he qualifies for a Bachelor's degree in Engineering from one of these Universities.

DEPARTMENTS AND COURSES**DEPARTMENT OF ACCOUNTING**

The Department of Accounting provides the fundamental courses which are to prepare the student for entrance into the profession of accountancy, including public and private accounting practice or government service. Upon completion of this program of study, the student becomes eligible for the bachelor's degree in accounting, and he may secure through experience and state examination the status of certified public accountant.

In the field of public accounting there are opportunities in municipal and private auditing, system design and installation, cost and tax work. Federal and state governments provide opportunities for accountants in a wide variety of activities, including income tax and other taxation, farm administration, banking, interstate commerce, and the like. In private accounting practice, thoroughly trained accountants have opportunities for advancement into executive, financial, and auditing or cost positions.

Departmental Requirements.

1. Accounting 21-22 and Economics 21-22 are prerequisites for all upper-level courses in accounting.
2. The requirements for a **major** sequence in accounting are twenty-four hours in upper-level courses, including the following: Accounting 31, 32, 33, 41 and 44-45 and Economics 38. The requirements for a **minor** sequence are any twelve hours in upper-level courses.
3. All students registered for courses in accounting are required to take Economics 49 and the series of standardized tests administered by the department.

Suggested Program.

1. On the lower level, students majoring in accounting take Program II. The elective recommended in the freshman year is Business 21.
2. Prerequisites to be taken in the sophomore year are the following: Accounting 21-22 and Economics 21-22.
3. On the upper level, students should see their faculty advisor prior to scheduling their junior and senior courses. They should bear in mind that, ordinarily, odd-numbered courses are scheduled for the first semester and even-numbered courses for the second.
4. Special requirement to be fulfilled on the upper level: Economics 49.

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COURSES IN ACCOUNTING

21-22. Principles of Accounting 6 hours

A fundamental course in accounting. The course is presented so that the student is properly prepared in the theory and techniques of accounting that are necessary for the advanced course. Emphasis is placed on the solution of accounting problems.

23-24. Business Law 6 hours

This course is designed to acquaint the student with those phases of law most frequently met in business. The selected areas of study include contracts, negotiable instruments, agency, sales, partnerships, corporations, property and torts.

Prerequisite for Accounting 24: Accounting 23.

31. Intermediate Accounting 3 hours

An investigation into the form and content of financial statements with particular emphasis on accounting for assets, both tangible and intangible. Special attention is given to corporate capital accounts.

32. Advanced Accounting 3 hours

Advanced partnership problems and techniques for analyzing and interpreting financial statements are considered in this course. Attention is also given to special transactions resulting from consignments and installment sales. The effects of changes in the value of the dollar on accounting problems completes the course.

33. Cost Accounting 3 hours

A study of the basic terminology, concepts, and techniques of cost determination. Job order, process, and standard cost systems are explored through the medium of problems.

34. Advanced Cost Accounting 3 hours

This course is designed to familiarize the student with analytical interpretation of cost data. The areas of budgetary controls, direct costing, cost-volume relationships, and variance analysis are given special consideration.

Prerequisite: Accounting 33.

38. Pro-Seminar in Accounting Theory 3 hours

An introduction, by means of directed reading and individual projects, to the methods of accounting research and the theory of accounts.

41. Specialized Statements 3 hours

Special emphasis is placed on the preparation of consolidated statements of position and income. Consideration is also given to such supplementary statements as the funds statement, cash-flow statement, and statements required of fiduciaries.

44-45. Income Tax Accounting 6 hours

This course is designed to familiarize the student with the federal income tax laws by means of lectures and practical problems. It is devoted to an intensive study of the income tax laws as they apply to individuals, partnerships, and corporations.

47. Auditing 3 hours

A course designed for those intending to enter the profession of public or private accounting. The responsibilities of auditors and the regulations applying to the profession are studied, with special reference to the rules of professional conduct for members of the American Institute of Certified Public Accountants. Various types of audits and their purposes are analyzed. Certificates are studied and prepared.

48. C.P.A. Problems 3 hours**51. Honors Seminar in Accounting 3 hours****52. Application of Data Processing to Accounting and Business Records 3 hours**

The course deals with fundamental concept involved in converting a hand written and/or mechanical system of business records to either punch card or tape type data processing equipment. The course also includes the conversion period, the expansion and updating period, and the problems related to these normal steps in the complete development of a data processing system for business enterprises.

53. Internship 3 hours

To those students who qualify to participate in the Internship Program of the Accounting Department of Saint Joseph's College, 3 hours credit will be awarded for above average completion of the internship period with professional accounting firms. Achievement will be based upon the written report of the intern which will have to be submitted to the department. The report shall cover his activities, the conducting of audits in professional firms, and/or other suitable topics as elected by his faculty advisor. The department shall work in conjunction with the supervisor of interns with each respective professional firm which agrees to cooperate and work jointly with the Accounting Department of St. Joseph's College.

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ART DEPARTMENT

The courses in this department are designed to provide training in the various arts, as well as an understanding and appreciation of artistic works. Certain courses are intended to equip the prospective teacher in the training of children in the arts.

COURSES IN ART

11-12. Basic Design Workshop 4 hours

This workshop stresses the elements of good design, including art for the home and community, as well as techniques. In the first semester emphasis is placed on the study of composition, the use of basic design shapes, the study of basic color theory, and the study of line mass relationships. The second semester provides for the student an opportunity for the practical application of the principles presented in the first semester and for experimentation in all media.

31-32. General Drawing I and II 4 hours

The first semester emphasizes free hand drawing of seen objects and still-life subjects. The course is planned to develop an understanding and awareness of form, light and shadow, line, pictorial composition and color. The second semester deals with extensive experimentation with a variety of media for a more versatile expression. Students work in pencil, pen and ink, charcoal, crayon, chalk and water color.

41-42. Painting I and II 4 hours

The first semester deals with painting seen objects and still-life set-ups; understanding of oil paint as an expressive medium; working with color, composition, various techniques and experiments. The second semester takes up figure painting and the more advanced techniques of expression in oil painting, use of water colors, and casein.

43-44. Sculpture Workshop I and II 4 hours

The first semester offers the student an opportunity to work in plaster casting and wood carving. Special emphasis is placed on creative form and good design. In the second semester the student has an opportunity to carve in stone and work with metal. Extra materials fee (in each semester): \$10:00.

47. Art Skills and Crafts 3 hours

The fundamentals of drawing, pattern, composition, essentials of lettering and posters are intertwined with the materials, pro-

cesses and products of industry. The student is shown how to organize this knowledge for effective teaching at the elementary level.

DEPARTMENT OF BIOLOGY

The departmental courses in biology are intended to help the student acquire: 1. A knowledge of the basic principles of the biological sciences and some skill in the application of the scientific method to biological problems. 2. The necessary background for work in graduate or professional schools of medicine, dentistry, or biological science. 3. The biological background for certain professional careers such as teaching biology in secondary schools or working with biological surveys and in museum laboratories.

Several Harvey assistantships, both junior grade and senior grade, are offered annually to qualified biology or biology-chemistry majors. Freshmen, sophomores, and juniors are welcome to apply during the last month of their respective school years.

Interested and qualified majors in biology are encouraged to implement their training in zoology and/or botany by field work, marine or fresh water, in the taxonomic, embryological, and physiological areas, in any approved biological stations, e.g., in Michigan, Massachusetts (Woods Hole), Carolinas, Maine, Oregon, etc. With the previous consent of the department, credits received will be accepted here.

Laboratory fees: Biology 11, 12, and 22, each \$7.50. Biology 32, 33, 37, 39, 40, 41, 43, 44, 45, 46, and 51, each \$10.00.

Departmental Requirements.

1. Biology 11-12 are prerequisites for all other courses in biology. (Note: For Biology 22, prerequisites: Biology 11 only; for Biology 25, no prerequisites.)

2. The requirements for a **major** sequence in biology are twenty-four hours in upper-level courses, including the following: Biology 37, 35-36 and 40; Chemistry 11-12, 31-32; Physics 21-22; and four semesters in one foreign language (German or French is recommended). The requirements for a **minor** sequence are any twelve hours in upper-level courses.

3. Majors in biology who plan to teach in high school must show credit in Biology 41, Chemistry 31-32 and Physics 21-22; they may substitute education courses for the foreign language requirements.

Note: See chairman of the department of education for other requirements.

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4. A **group major** in biology-chemistry is offered for pre-medical students. The requirement is thirty-six hours in upper-level courses in biology and chemistry so distributed as to fulfill a minimum of sixteen in each department, including the following: Biology 39 and Chemistry 31-32, 33 and 36, plus the language requirement mentioned above in #2.

5. Teaching major. See the suggested program (Department of Education, p. 85).

Suggested Program.

1. On the lower level, students majoring in biology and biology-chemistry take Program III (see p. 59.) In the freshman year they take the courses in Bracket A.

2. Requirements to be taken in the sophomore year are Biology 37 and 40, and Chemistry 31 and 32.

3. On the upper level, students should see their faculty counselor prior to scheduling their junior and senior courses. They should bear in mind that, ordinarily, odd-numbered courses are scheduled for the first semester and even-numbered courses for the second.

4. Special requirements to be fulfilled in the junior and senior years are: four semesters in one modern language; Physics 21-22; and Humanities 25, 27.

COURSES IN BIOLOGY

11-12. Introduction to Experimental Biology 8 hours

An introductory discussion of the concepts and methods of biology with stress on laboratory investigations to emphasize biology as a science of enquiry. The open-end type of laboratory allows the student to develop areas of interest to his fullest capacity. This course is prerequisite to all other course offerings in Biology. Two lectures, one discussion period and one three-hour laboratory period each week. (Open to Biology majors in the freshman year, to non-majors in the sophomore year.)

22. Human Anatomy and Physiology 4 hours

An introductory course intended primarily for physical education majors. The course is recommended for students preparing to teach biology or health in high school. Three lectures and one two-hour laboratory period each week.

Prerequisites: Biology 11 or Biology 12.

25. Personal and Community Health 3 hours

(Same as Physical Education 25. See course description there.)

30. Introduction to Scientific Latin and Greek 1 hour

A study of the elements of the Greek and Latin languages, together with their roots and the corresponding English derivations commonly used in biological, chemical, and medical sciences. Open to sophomores, juniors, and seniors. One 90 minute lecture each week.

31. Methods for Teaching Biology 2 hours

(For prospective Biology teachers only.) (Offered in 1967-68.)

32. Conservation of Natural Resources 3 hours

A study of the principles and methods of conservation of natural resources (soils, water, atmosphere, biotic, mineral, and human powers) with emphasis on biological conservation as practiced in the United States. Three lectures with field work each week. (Offered in 1967-68).

33. Ecology 3 hours

The study of organisms in relation to their environments, namely, physical: light, temperature and water; biogeochemical: chemical cycles, energy cycles and geological cycles; biotic: food chains and competition. Three lectures with field work each week. (Offered in 1967-68).

35-36. Seminar in Biology 2 hours

Intensive discussion of selected topics in biology led by members of the staff. Required for graduation of all seniors majoring in biology or biology-chemistry group sequence. Open for attendance without credit to all other interested students with permission of the staff. Juniors majoring in Biology are expected to attend all sessions.

37. Comparative Vertebrate Anatomy 4 hours

The study of type forms of different classes of vertebrates, from the viewpoint of the morphological and physiological relationships of the various organs and systems. Two lectures and two two-hour laboratory periods each week.

38. Genetics 3 hours

A study of the general principles of heredity and the operation of hereditary factors in the origin and development of species and of individual traits.

39. Methodology and Instrumentation 3 hours

A resume of the more common, important lab methods and/or techniques and lab instrumentation which a student may not have encountered in his other courses. Methodology includes e.g., techniques of collection and preservation of animal and plant specimens,

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tissue culture, pure culture, other more recent lab techniques, together with current literature reviews. Instrumentation embraces demonstration and student uses of more sophisticated lab equipment, e.g., respirometry, Tecktronix, physiography, phase and fluorescence microscopy, spectrometry, electrophoresis and chromatography. This course (with appropriate modifications) satisfies the biology teacher requirement. One lecture and two two-hour lab periods each week. (Offered in 1967-68).

40. Embryology 4 hours

Laboratory study of the developmental anatomy of frog, chick, and pig embryos. Lecture emphasis is placed on an analysis of the processes of development and a study of elementary experimental embryology. Two lectures and two two-hour laboratory periods each week.

41. Invertebrate Zoology 4 hours

A study of the characteristics and relationships of representative species of invertebrates with reference to classification. This course includes some field work in ecological study, collection of specimens, their identification and preparation for laboratory and museum display. Primarily intended as a background for teaching biology. Three lectures and one three-hour laboratory period each week. (Offered in 1968-69).

42. History of Biology 2 hours

A survey of the development of the science of biology. Particular attention is given to the interplay of philosophy and science and to the development of the conceptual framework of biology. Required readings and papers. Discussions and conferences with staff and with related departments. (Offered in 1968-69).

43-44. Microbiology 8 hours

A study of bacterial structure, life activities, and classification; also introductory studies in immunology, mycology, parasitology, and virology. Laboratory methods of culture, isolation, and identification of various saprophytic and pathogenic organisms, particularly enteric forms; some serological techniques; water, milk, soil and food bacteriology. Two lectures and two two-hour laboratory periods each week.

Prerequisite: Chemistry 32.

45. General Physiology 4 hours

The physiological processes at the organismic level are analyzed and correlated with the simpler manifestations at the cell level. Among the topics discussed are the structure and composition of cells,

reactions of organisms to the environment, adjustment and maintenance of the internal environment, energy sources and utilization of energy for movement, production of electricity. Two lectures and two two-hour laboratory periods each week.

Prerequisites: Physics 22 and Chemistry 32.

46. Animal Histology and Microtechnique

A microscopic study of prepared normal vertebrate tissues and organs, with special reference to human tissues. Some laboratory is also devoted to preparation of small organisms and of animal and plant tissues. Two lectures and two two-hour laboratory periods each week. (Offered in 1967-68)

51. Honors Seminar in Biology

3 hours

DEPARTMENT OF BUSINESS ADMINISTRATION

The courses in business administration have been designed to provide the knowledge required for positions in business. Their aim is to combine specific preparation with a background in general education, which with experience, should enable one to assume positions of higher responsibility more rapidly and competently. During the freshman and sophomore years, the course of studies is general in character. During the junior and senior years, areas of concentration are provided in finance, management, and marketing.

Departmental Requirements.

1. Business Administration 21, 22, Economics 21-22, and Accounting 21-22 are prerequisites for all upper-level courses.
2. The requirements for a **major** sequence in **Finance** are twenty-four hours in upper-level courses composed of the following: Business Administration 33, 36, 38, 40, 43, 48, and Economics 35.
3. The requirements for a **major** sequence in **management** are twenty-four hours in upper-level courses composed of the following: Business Administration 31, 32, 35, 37, 38, 41, and 42.
4. The requirements for a **major** sequence in **marketing** are twenty-four hours in upper-level courses composed of the following: Business Administration 34, 38, 39, 45, 49, 50.
5. The requirements for a **minor** sequence in **business administration** are twelve hours in upper-level courses including Business Administration 38. For a **minor** sequence in **management**, **marketing** or **finance**, the remaining hours must be taken from these respective areas.
6. Economics 49 is required of all students in business administration.

Suggested Program.

1. On the lower level students in all of the major sequences take Program I. Recommended for the first-semester prerequisite is Business Administration 21.
2. Prerequisites to be taken in the sophomore year are the following: Accounting 21-22, Economics 21-22, and Business Administration 22.
3. On the upper level, students should see their faculty advisor prior to scheduling their junior and senior courses. They should, bear in mind that, ordinarily, odd-numbered courses are scheduled for the first semester and even-numbered courses for the second.
4. Special requirement to be fulfilled on the upper level: Economics 49.

COURSES IN BUSINESS ADMINISTRATION**21. Principles of Marketing 3 hours**

A study of the structure and process of marketing with emphasis upon the manner in which marketing distributes economic resources and stimulates demand. Consumer, industrial and government markets are analyzed and the resources of the economy are reviewed from the standpoint of the marketing problems they present. The organization of marketing is described with special attention devoted to channels of distribution and the various types of retailers and wholesalers. Descriptive cases and commodity analysis are used throughout the course.

22. Principles of Management 3 hours

The purpose of this course is to present a carefully organized system of concepts by which the basic meaning and the universal principles of management can be grasped. This course is limited to a treatment of that body of fundamental principles which underlies all management regardless of type or size of business. A study of the structure of industry in the U.S., the objectives and means of a business enterprise, the functions of business, the environment of a business, the purpose and methods of management, administrative decision-making and the functions of management.

31. Production Management 3 hours

The purpose of this course is to present a framework of principles, methods, procedures, and techniques of factory management, and to develop the student's ability to make sound managerial decisions, especially at the operational level. By means of selected case problems, emphasis will be placed upon the following topics: research, development, and engineering; manufacturing processes; the management of physical property; motion and time study; production planning and control; operations research; quality control, and cost control.

Prerequisites: B.A. 22.

32. Personnel Management 3 hours

An analysis of the personnel function in the management of business enterprises. Problems in selection, placement, compensation, training, and maintenance of work teams in different types of business enterprise will be considered. Emphasis will be placed on both the functions of the personnel manager and the individual line managers and supervisors.

Prerequisite: B.A. 22.

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33. Corporation Finance 3 hours

A study of the financial problems involved in organizing and managing a business. Includes a study of the financial aspects of promotion, securing capital through the issuance of securities, capitalization, dividend policies, financial analysis, current financing, receivership, consolidation, bankruptcy, reorganization and related issues.

Prerequisite: Ac. 21-22.

34. Sales Management 3 hours

A study of the managerial functions of the sales manager, with particular reference to problems involved in investigations of marketing, planning the sales effort, management of sales and service personnel, and control of the sales operations. The preliminary part of the course is devoted to a study of the principles and techniques of personal selling. This involves examination of the various aspects of selling such as: development of psychological rapport with prospects, organization of prospecting activities, analysis of public relations problems.

Prerequisite: B.A. 21.

35. Institutional Management 3 hours

A course which deals with the management problems and practices of that important segment of the economy known as the "non-profit" organization. Consideration will be given to such organizations as hospitals, educational institutions, public corporations, eleemosynary institutions, and associations of various forms.

Prerequisite: B.A. 22.

36. Investments 3 hours

This course is designed to familiarize the student with the various stock, bond, and other investment markets. Includes treatment of investment objectives, investment institutions, sources of information, media of investment, analysis of risk, and the formulation of appropriate investment policies for individuals and institutions.

Prerequisite: Ac. 21-22.

37. Government and Business 3 hours

A study of the foundations for government intervention in business and the activities in which it currently engages in relation to business, with emphasis on federal legislation as this applies to social security, labor relations, and the maintenance of competition.

(same as Economics 37.)

38. Elementary Statistics 3 hours

An introduction to the fundamentals of modern statistics. Topics to be considered include the following: descriptive statistics, frequency distributions, measures of location, measures of variation, probability and decision-making, problems of estimation and tests of hypotheses, linear regression, correlation, and time series analysis. Emphasis on the interpretation and use of statistical analysis in business and economic problems.

39. Retailing Organization and Operation 3 hours

This is a basic survey course which includes an analysis of the opportunities, development and present status of the retailing industry. Course content includes: Methods of store management, principles of store location, organization for control of merchandise, devices for improvement of store services, control of store expenditures, and coordination of credit, sales and other marketing activities.

Prerequisite: B.A. 21.

40. Financial Analysis and Control 3 hours

A study of the character and importance of the respective items in financial statements with critical analysis and interpretation of statements of business enterprises. With the knowledge gained from the foregoing, budgetary direction and control are reviewed as well as the construction of flexible and inflexible budgets, estimating income and expenses, profit, planning and control, measuring operating efficiency, and enforcing budgets.

Prerequisites: Accounting 21-22; Business Ad. 33.

41. Managerial Decision-Making 3 hours

A course designed to present an organized and integrated approach to the managerial decision-making process. Emphasis will be placed on the following topics: the nature of the decision-making process; the stages of decision-making; the use of premises in decision-making; decision and implication; validating forms for decision-making; planning and decision-making; organizing for effective decision-making; controlling and decision-making; operations research; application of quantitative methods to the solution of business problems; and the implementation of decisions. Problems will be presented to give students practice and guidance in arriving at valid decisions.

Prerequisite: B.A. 22.

42. Seminar in Administrative Policy 3 hours

This course is designed to give students practice in policy-making thereby enhancing their ability to identify, analyze, interpret

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and evaluate business policies, especially those of large corporations. Through the study of actual business situations, the student will learn to diagnose a company's problems and to consider the various factors influencing managerial policy decisions. Cases are selected from a variety of industries to emphasize the universality of management problems and to give the student a facility for solving problems wherever they may develop. An attempt will be made to focus previously gained knowledge of accounting, finance, management, marketing and economics upon such matters as organizational, administrative, procurement, production, sales, labor, financial and expansion policies.

Prerequisites: B.A. 22, 41.

43. Financial Institutions 3 hours

A critical study dealing with the institutional framework of the economy by which savings and credit are made available to business, consumers, and the government, together with an analysis of the impact of the various flows of funds on the total economy. Among the institutions covered are: Federal financial institutions, commercial banks, savings and loan associations, insurance companies, investment and pension funds, investment banking, and the money and capital markets.

Prerequisites: Economics 21-22; Business Ad. 33.

45. Advertising: Principles and Procedures 3 hours

A study of the role of advertising in the marketing structure and as a marketing tool of the individual firm. Consideration is given to the character of demand as seen by the individual firm and the opportunities for modifying it through the use of advertising. Content of the course includes an analysis of buying motives, social forces involved in consumer behavior, measurement of the market potential determination of proper advertising budgets, media allocations, and the devices used to measure the effectiveness of advertising campaigns.

Prerequisite: B.A. 21.

48. Problems of Financial Management 3 hours

This course presents a series of comprehensive financial problems by which it is intended to perfect the student's ability to utilize the methods and techniques of financial analysis and management acquired in previous courses.

Prerequisites: B.A. 22, 33.

49. Marketing Research 3 hours

The use of scientific method by business in gathering and utilizing marketing data in the efficient selling of merchandise. An analysis of advertising selling and price and product problems that market research may assist in solving; research methods and techniques; analysis and interpretation of typical marketing data; questionnaire building and methods of sampling; a survey of problems that a division of marketing is likely to face; analysis of markets through company records, published sources and original investigation.

Prerequisite: B.A. 21.

50. Marketing Management 3 hours

A study of the marketing problems of the firm approached from a management point of view. Emphasis is placed on the development of the student's ability to analyze marketing situations, identify problems, determine solutions, implement corrective action, and plan strategy. The student learns how the marketing management functions of merchandising, channel selection, determination of brand policy and price policy, sales promotion, advertising and personal selling integrate to produce an effective marketing program.

Prerequisite: B.A. 21.

51. Honors Seminar in Business Administration. 3 hours

DEPARTMENT OF CHEMISTRY

The courses in the Department of Chemistry are designed to help the student: 1. To understand and appreciate, by means of basic courses, the principles of chemistry. 2. By means of carefully supervised laboratory work and by an introduction to the literature of the field: a) To observe carefully and accurately natural phenomena. b) to realize and appreciate the problem of the application of the theoretical principles to actual experimental work. 3. By a study of the literature and by means of a minor research problem to initiate the development of the skills and attitudes requisite for research in the field of chemistry. 4. To meet the basic requirements in chemistry for entrance into graduate school, medical school, or industrial chemistry.

Unless otherwise noted, laboratory periods are three-hour periods. Laboratory fees: Chemistry 11, 12, 45, and 46, each \$7.50. Chemistry 31, 32, 33, 34, 35, 36, 37, 39, 42, 44, and 51, each \$10.00. Chemistry 48, \$5.00.

Departmental Requirements

1. Chemistry 11-12 are prerequisites for all upper-level courses in chemistry. It is further necessary, for the student majoring in chemistry, to show credit in Mathematics 11, 12, 13, 14.

2. The requirements for a major sequence in chemistry are twenty-six hours in upper-level courses, including courses in organic, quantitative analysis, physical chemistry, and either 48, or 51; Physics 21-22, and four semesters of college German or the equivalent. The requirements for a minor sequence in chemistry are twelve hours in upper-level courses, including Chemistry 33.

3. For the group major in biology-chemistry, see the department of biology.

Suggested Program.

1. On the lower level, students majoring in chemistry take Program III. In the freshman year they take the courses in bracket C.

2. Requirements to be taken in the sophomore year are Chemistry 31-32 and German 1-2.

3. On the upper-level, students should see their faculty advisor prior to scheduling their junior and senior courses. They should bear in mind that, ordinarily, odd-numbered courses are scheduled for the first semester and even-numbered courses for the second.

4. Special requirements to be fulfilled in the junior and senior years are: German 21, 26 (or equivalent); Physics 21-22; and Humanities 25, 27.

COURSES IN CHEMISTRY**11-12. General Chemistry and Elementary Analysis 8 hours**

The introductory chemistry course stresses the general principles of chemical science, together with an exploration into the inorganic chemistry of the elements. The laboratory work includes a qualitative analysis for elements in the first semester and an introduction to quantitative analysis in the second semester. Two formal lectures, one quiz section, and three hours of laboratory work per week.

31-32. Organic Chemistry 8 hours

A study of the structure, reactions, and properties of the aliphatic and aromatic carbon compounds. The applications of organic chemistry in industry and medicine are emphasized. In the laboratory the important methods and techniques are stressed. The material presented in the lectures is illustrated by the preparation and identification of typical compounds. Three lectures and one laboratory period each week.

Prerequisite: Chemistry 11-12.

33. Quantitative Analysis 4 hours

A study of the theoretical principles upon which analytical methods are based. Included is a survey of the field of analytical chemistry and a detailed investigation of the standard methods. Volumetric and gravimetric experiments are carried out in the laboratory. Three lectures and one laboratory period per week.

Prerequisite: Chemistry 11-12.

34. Instrumental Methods of Analysis 4 hours

A study of the principles of chemistry underlying the use of instruments in analysis and a survey of the field. The laboratory work consists of analysis carried out with representative instruments. Three lectures and one laboratory period per week.

Prerequisite: Chemistry 33.

36. Elementary Physical Chemistry 4 hours

A course intended primarily for students who lack the mathematical preparation for the more extensive course, Chemistry 45-46. The principles of physical chemistry are treated from a descriptive viewpoint with emphasis on solutions, colloids, and physical structure. This course may not be counted toward a major in chemistry. Three lectures and one laboratory period each week.

Prerequisites: Chemistry 11-12 and 33, and Physics 21-22, or 24-25-26.

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37. Biochemistry 4 hours
A study of the physical and chemical properties of carbohydrates, fats, proteins, nucleic acids, and enzymes. The chemical nature of enzymes, DNA and RNA are stressed. In the laboratory, both the qualitative and quantitative aspects of the above substances are studied. Three lectures, one laboratory period per week. (Offered in 1968-1969).
Prerequisite: Chemistry 31-32.

39. Organic Analysis. 2 hours
A study of the characterization of organic compounds through elementary analysis, functional-group reactions, and derivatives. The lecture periods are devoted to a study of classical examples of analysis from chemical literature. One lecture and one laboratory period each week. (Offered in 1967-68).
Prerequisites: Chemistry 31-32.

42. Advanced Organic Chemistry 3 hours
A continuation of organic chemistry in which structures properties, and reaction mechanisms of organic compounds are more thoroughly studied. Three lectures per week. (Offered 1967-68).
Prerequisite: Chemistry 31-32.

44. Advanced Inorganic Chemistry 3 hours
A continuation in the area of inorganic chemistry. This course includes a study of the electron structure of the atom, nuclear structure and its effect on the electrons, molecular structure, and specific advanced areas such as photo-chemistry, astro chemistry, and radioactivity. Three lectures per week. (Offered 1968-69).
Prerequisite: Chemistry 11-12.

45-46. Physical Chemistry 8 hours
A fundamental course based on the principles of physical chemistry. The role of energy in chemical reactions is treated both from the descriptive and the analytical viewpoints. Three lectures and one laboratory period each week.
Prerequisites: Chemistry 11-12 and 33, Mathematics 11, 12, 13, 14 and Physics 21-22, or 24-25-26.

48. Research in Chemistry 2 hours
Early in the first semester, topics, for research problems are chosen. Throughout the year, library and laboratory research is pursued. Progress reports are made and discussed.
Prerequisites: A reading knowledge of German.

51. Honors Seminar in Chemistry 2 hours
An alternate course for Chemistry 48, open to students who have made a B average in the chemistry courses of the junior year.
Prerequisites: A reading knowledge of German.

DEPARTMENT OF ECONOMICS

The program in Economics has the following objectives: 1. To enable the student to gain a basic understanding of our economic system, to provide a field of concentration for those students who wish to pursue economics as their major study, and to offer those courses which are appropriately a part of the preparation for the study of business, government, journalism, and law. 2. To provide the requisite training for the teaching of economics in high schools, for the pursuit of graduate courses in economics, and for entrance into graduate schools of business.

Departmental Requirements.

1. Economics 21-22 are prerequisites for all upper-level courses. Students majoring in economics are likewise required to take Accounting 21-22.
2. The requirements for a major sequence in economics are twenty-four hours in upper-level courses, including Economics 31, 32, 38 and 49. The requirements for a minor sequence are any twelve hours in upper-level courses.
3. Students expecting to pursue graduate work in economics are advised to take Mathematics 11, 12, 25, 26 and four semesters of credit in French or German.

Suggested Program.

1. On the lower level students majoring in economics take Program II. Electives recommended in the freshman year are: French 1-2; German 1-2; Mathematics 11-12.
2. Prerequisites to be taken in the sophomore year are the following: Economics 21-22; Accounting 21-22; recommended electives are French 21-22; German 21-22; Mathematics 25-26.
3. On the upper level, students should see their faculty advisor prior to scheduling their junior and senior courses. They should bear in mind that, ordinarily, odd-numbered courses are scheduled for the first semester and even-numbered courses for the second.

COURSES IN ECONOMICS

21. Principles of Economics: Macroeconomics 3 hours

A study of the principles and problems connected with the level and fluctuation of national income and employment and the economics of growth. (Offered fall semester only.)

22. Principles of Economics: Microeconomics 3 hours

A study of the principles and problems connected with the production, exchange, and consumption of economic goods, and the principles of international trade. (Offered spring semester only.)

31. Advanced Income Analysis 3 hours

An intensive study of national income accounting and the theory of national income determination with special emphasis on the policy implications of the analysis.

32. Advanced Price Analysis 3 hours

An intensive study of the theory of price in both the output and input markets with special emphasis on the application of modern tools of analysis to concrete business and public problems.

35. Money and Banking 3 hours

A study of the theory of money, monetary standards, banking principles, and monetary theory with special emphasis on the financial institutions of the United States.

36. Comparative Economic Systems 3 hours

A study of the economic systems existing in the contemporary world with special emphasis on the comparison of these systems with the mixed enterprise system of the United States.

37. Government and Business 3 hours

A study of the foundations for government intervention in business and the activities in which it currently engages in relation to business, with emphasis on federal legislation as this applies to social security, labor relations, and the maintenance of competition. (Same as Business 37.)

38. Elementary Statistics 3 hours

An introduction to the fundamentals of modern statistics. Topics to be discussed include the following: descriptive statistics, frequency distributions, measures of location, measures of variation, probability and decision-making, problems of estimation and tests of

hypotheses, linear regression, correlation, and time series analysis. Emphasis is on the interpretation and use of statistical analysis in business and economic problems. (No prerequisites.)

40. Public Finance **3 hours**

A study of the principles of finance in government. Topics to be considered will include public revenues and expenditures, taxation, public debt, governmental budgeting, and fiscal policy. (Same as Political Science 40.)

42. American Economic History **3 hours**

(Same as History 40.)

43-44. Labor Problems and Legislation **6 hours**

A study of the issues involved in labor economics, with emphasis on the role that employers, unions, and the government may play in their solution. The first semester concentrates on the size and composition of the labor force, the history of the labor movement, and the issues involved in collective bargaining; the second, on wages and hours, unemployment, and social security.

(Econ. 43 prerequisite for Econ. 44.)

45. Introduction to Econometrics **3 hours**

An introduction to the techniques by which economic theories are brought into contact with empirical data for the purpose of verification and prediction.

Prerequisites: Mathematics 13-14 and Economics 38.

47. Economic Growth **3 hours**

An examination of the process of growth with particular emphasis on the problems and alternatives confronting the underdeveloped countries. (Offered in 1967-68.)

48. International Trade **3 hours**

A study of the underlying basis of international trade, balance of payments adjustments, and the methods of international payments, together with an examination of the foreign trade position, the tariff policies, and the commercial agreements of the United States. (Offered in 1967-68.)

49. Catholic Social Teaching and Economic Policy **3 hours**

This course aims to set forth the social teaching of the Church, with emphasis on the social encyclicals and other recent papal pronouncements and to apply this teaching to selected current socioeconomic problems.

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50. Seminar **3 hours**
The seminar will be directed to a discussion of the development of economic thought and current issues in economics which are not covered in the content of other courses.

51. Honors Seminar in Economics **3 hours**

DEPARTMENT OF EDUCATION

The Department of Education is designed to offer the student a knowledge of education in its theoretical and practical phases. Courses in the history and philosophy of education present the student the means of employing the best of mankind's thought in the betterment of today's schools. Other courses are offered with the express purpose of acquainting the student with the professional skills and competencies that will be needed in the exercise of teaching duties.

State requirements for certificates vary, but in general all states call for these basic requirements: 1. a four-year curriculum leading to the Bachelor's degree; 2. academic credit in major and minor areas; or, in the case of elementary teachers, adherence to a specified curriculum; 3. professional courses in education; 4. recommendation by the license advisor.

ELEMENTARY TEACHER PREPARATION: Saint Joseph's College has been authorized by the State of Indiana to prepare teachers for the elementary certificate. The following program has been approved by the State Department of Public Instruction according to the provisions of Bulletin 400 and by the National Council for Accreditation of Teacher Education (NCATE). Students who intend to teach in elementary schools should follow this program exactly.

Curriculum leading to a bachelor of science in elementary education.

Eng 11-12 (or 13-14 or 15-16); Eng 20; Eng 38; Hum 25; Hum 27; Art 47.

Music 29; Sp. 15. 24 sem hrs

Biol 11; Chem 11; Geol 11; Physics 21. 16 sem hrs

Math 1; 11; 12. 9 sem hrs

Hist 11, 12, 23, 24; Soc. 33. 15 sem hrs

Phil 12, 21, 31, 44 (specifically required); Theo 19, 20, 49 (specifically required), and upper level elective. 24 sem hrs

Phy Ed 16, 41; Educ 15, 16, 17, 18, 30, 31, 35, 37, 40, 41, 45, 48.1, 48.2, 48.3, 48.5, 48.7. 38 sem hrs

Total required hours: Catholics, 126; those not of the Catholic faith, 124.

Program leading to a bachelor of science degree in elementary education with a college major in theology:

Eng 11-12 (13-14 or 15-16), 20, 38; Hum 25, 27; Art 47.

Music 29; Sp. 15; Biol 11; Chem 11; Geol 11; Physics 21.

Math 1, 11, 12; Hist 11, 12; Soc 33; Phil 12, 21, 31, 44 (specifically required).

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Phy Ed 41; Educ 15, 16, 17, 18, 30, 31, 35, 37, 40, 41, 45, 48.1, 48.2, 48.3, 48.5, 48.7.

Theology 19, 20 and 24 upper level hours in theology including 49. Total required hours: 136.

Secondary Teacher Preparation: A student who is preparing to teach in high school should major in the subject area in which he intends to teach. Students should refer to the respective departmental offerings in this catalogue as they prepare for their teaching majors and minors. All teacher trainees at Saint Joseph's College are required to meet the Indiana requirements; students who wish to qualify for additional states should consult the institutional license advisor.

Saint Joseph's College is authorized by the state of Indiana, in accordance with the provisions of Bulletin 400, to offer teacher training in the following major areas: biology; English; mathematics; music; physical education and health; social studies and speech. Minors are offered in these six areas and in chemistry, physics, Latin, French, Spanish and German. All the above programs have also been approved by NCATE.

All students preparing for elementary and secondary teaching must be officially admitted to the teacher education program. This is done in the first semester of the junior year and application is to be made to the chairman of the education department. Students seeking admission must have a cumulative index of 2.25. This application is the responsibility of the individual student. Application forms may be obtained from any member of the education department. During the senior year all prospective teachers must take the National Teachers Examinations. Completion of this examination is a prerequisite to certification. For additional information concerning any of these details, students are encouraged to consult with the departmental chairman. The following programs are suggested for the most widely used majors. Students who wish to major in a field not listed here should consult the chairman.

Suggested program for a college major in marketing (management, finance) and a teaching major in social studies.

Eng 11-12 (13-14 or 15-16), 20; Sp 15; Hum 25, 27.

Phil 12, 21, 31, 44 (specifically required); Theo 19, 20, 49 (specifically required) and a 3 hour upper level elective.

Hist 11, 12, 23, 24, 37, 38; Soc 21 and 3 hour elective; Geol 11, 12, 20; Math 11.

Educ 15, 16, 17, 18, 30, 31, 32, 37, 41, 49SS, 46.

Econ 21, 22; Bus Ad 11, 12; Acct 21, 22.

Marketing: 34, 36, 37, 38, 39, 45, 49, 50 (no electives allowed).

Finance 33, 36, 37, 38, 40, 43, 48, and Econ 35.

Management 31, 32, 35, 36, 37, 38, 41, 42.

Total required hours: 137 sem. hrs.

Suggested program for a college major in biology and a teaching major in biological sciences.

Eng 11-12 (13-14 or 15-16), 20; Sp 15; Hum 25, 27.

Phil 12, 21, 31, 44 (specifically required); Theo 19, 20, 49 (specifically required) and a 3 hour upper level elective.

Hist 11, 12; Soc 21; Educ 15, 16, 17, 18, 30, 31, 37, 41, 46, 32.

Chem 11, 12, 31, 32; Physics 21, 22; Math 11, 12.

Biol 11, 12, 22, 31, 32, 33, 35, 36, 37, 38, 40, 41, 43.

Total required hours: 135.

Suggested program for a college major in English and a teaching major in the language arts.

Eng 11-12 (13-14 or 15-16), 20, 21, 22, 35, 36, 37, 38, and one course from (31, 32, 33, 34), and 9 hours upper level electives; Hum 25, 27; Sp 15, and 1 hour elective in Speech: Journalism, 3 hours elective.

Phil 12, 21, 31, 44 (specifically required); Theo 19, 20, 49 (specifically required), and 3 upper level hours elective.

Hist 11, 12; Soc 21; Educ 15, 16, 17, 18, 30, 31, 32, 37, 41, 49LA, 46. Foreign languages, 12 sem. hrs.; 14 hrs. of math and science so chosen that at least two departments are represented and two of the courses are in sequence.

Total required hours: 126.

Suggested program for a college major in mathematics and a teaching major in mathematics:

Eng 11-12 (13-14 or 15-16), 20; Sp 15; Hum 25, 27.

Phil 12, 21, 31, 44 (specifically required); Theo 19, 20, 49 (specifically required) and a 3 hour upper level elective.

Hist 11, 12; Soc 21; Educ 15, 16, 17, 18, 30, 31, 32, 37, 41, 49 Sc, 46.

Math 12, 15, 25, 26, 32, 33, 35, 36, 38, 42, 46 and a 3 hour upper level elective.

Physics 21 or 24 and electives to total 124 sem. hrs.

Total required hours: 124.

Suggested program for a college major in physical education and a teaching major in physical education and health.

Eng 11-12 (13-14 or 15-16), 20; Sp. 15; Hum 25, 27.

Phil 12, 21, 31, 44 (specifically required); Theo 19, 20, 49 (specifically required) and a 3 hour upper level elective.

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Hist 11, 12; Soc 21; Educ 15, 16, 17, 18, 30, 31, 32, 37, 41, 49 PE, 46. Biol 11, 12, 22; Chem 11.

Phy Ed 11, 16, 22, 25, 27, 28, 30, 34, 35, 41, 45, 46 and 8 semester hours selected from (43, 32, 42, 48); electives to total 124 sem. hrs.

Total required hours: 124.

Suggested program for a college major in history and a teaching area major in social studies:

Eng 11-12 (13-14 or 15-16), 20; Hum 25, 27; Sp 15.

Phil 12, 21, 31 and elective; Theo 19, 20, and two electives.

Educ 15, 16, 17, 18, 30, 31, 32, 37, 41, 49 SS, 46; Geol 11, 12, 20 and a 3 hour elective in math or science other than geology.

Soc 21 and 3 hour elective; 6 hours elected from Econ 21, 22, 40.

Hist 11, 12, 23, 24, 31, 50 and 18 hours upper level history; 6 sem. hours elected from Hist 37, 38, Poli Sci 22 and any upper level Pol Sci offerings; electives to total 124.

Total required hours: 124.

Suggested program for a college major in political science and a teaching area major in social studies:

Eng 11-12 (13-14 or 15-16), 20; Hum 25, 27; Sp 15.

Phil 12, 21, 31 and elective; Theo 19, 20, and two electives.

Educ 15, 16, 17, 18, 30, 31, 32, 37, 41, 49 SS, 46; Geol 11, 12, 20 and a 3 hour elective in math or science other than geology.

Soc 21 and a 3 hour elective; 6 hours elected from Econ 21, 22, 40.

Hist 11, 12, 23, 24, 37, 38; Pol Sci 35, 41, 42 and 9 hours upper level elective; electives to total 124.

Suggested program for a college major in sociology and a teaching area major in social studies:

Eng 11-12 (13-14 or 15-16), 20; Hum 25, 27; Sp 15.

Phil 12, 21, 31, 44 (specifically required); Theo 19, 20, 49 (specifically required), and an upper level elective.

Econ 21-22.

Educ 15, 16, 17, 18, 30, 31, 32, 37, 41, 49 SS; Geol 11, 12, 20 and a 3 hour elective in math or science other than geology.

Hist 11, 12, 23, 24, 37, 38; Sociology 21, 31, 38, 43, and 15 upper level hours elective; electives to total 124.

Total required hours: 124.

Suggested program for a college major in speech and a teaching major in speech:

Eng 11-12 (13-14 or 15-16), 20; Hum 25, 27; Educ 15, 16, 17, 18, 30, 31, 32, 37, 41, 49 LA, 46.

Phil 12, 21, 31, 44 (specifically required); Theo 19, 20, 49 (specifically required), and a 3 hour upper level elective.

14 hours chosen from the math and science offerings so that at least two departments are represented and two courses are in sequence.

Hist 11, 12, Soc 21.

Speech 15, 16, 23 (debate), and 6 hours chosen from (30, 31, 40), 9 hours chosen from (32, 34, 35, 36, 37, and Eng 31, 32, 46, 24 (Theatre, 1 hour), 24 (Radio, 2 hours), 43, 45, and 6 upper level electives in speech or appropriate English courses.

Electives to total 124.

Total required hours: 124.

Suggested program for a college major in music and a teaching major in music:

Eng 11-12 (13-14 or 15-16), 20; Hum 25, 27; Sp 15.

Phil 12, 21, 31, 44 (specifically required); Theo 19, 20, 49, and a 3 hour elective in theology.

14 hours chosen from among the math and science offerings so that at least two departments are represented and two courses are in sequence.

Hist 11, 12; Soc 21; Educ 15, 16, 17, 18, 30, 31, 32, 37, 41, 49 MU, 46.

Music 11, 12, 21, 6 hours elected from (33, 34, 43), 41a or 41b, 44 or 46, 29.

For other specific requirements consult the chairman of the music department.

In addition to the above major teaching areas, each student is encouraged to add a minor teaching area. Specific requirements for a minor teaching area are as follows:

French, German, Spanish, Latin: any 24 semester hours.

Biology: Biol 11, 22, 32; Chem 11; and electives in Biology to total 24 sem. hours.

English: (English 20 does not count towards the required total) 37, 38, 35 and/or 36, and electives to total 24 semester hours.

General Science: 4 sem. hours in Biology, Geology, Physics, Chemistry and electives in these areas to total 24 sem. hours. (Mathematics does not count).

Mathematics: Math 12, 15, 25, 26, 35, 46, 32, 33.

Physical Education: Phy Ed 11, 46, 22, 41, 27, and 8 hours chosen from (28, 32, 42, 43, 48).

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Physics: Physics 41, 42, and electives in Physics to total 24.

Social Studies: 15 hours elected from one area of the following: Economics, Political Science, Sociology, World History, American History and 9 hours elected from among the other Social Studies. (Note that the minor in History must be in either American or World, not a combination of both).

COURSES IN EDUCATION

Education 15. Professional Laboratory Exper.: Observation 0 hours

Ten to fourteen hours of observation in actual classroom settings. The emphasis will be on the growth and development area. Required of all first semester sophomores in the teacher training program.

Education 16. Professional Laboratory Exper.: Observation 0 hours

Ten to fourteen hours of observation in actual classroom settings. The emphasis will be on the psychology of learning. Required of all second semester sophomores in the teacher training program.

Education 17. Professional Laboratory Exper.: Observation 0 hours

Ten to fourteen hours of observation in actual classroom settings. The emphasis will be on classroom planning, methodology and curriculum materials. Required of all first semester juniors in the teacher training program.

Education 18. Professional Laboratory Exper.: Observation 0 hours

Ten to fourteen hours of observation in actual classroom settings. The emphasis will be on evaluation in the teaching process. Required of all second semester juniors in the teacher training program.

30. Educational Psychology I: Psychology of Learning 2 hours

The course in educational psychology aims to give the student an understanding of the characteristics of human behavior and the factors which affect its development. Emphasis is placed on those basic facts and principles that are generally accepted by today's educators and that can be integrated into the student's own experience and made to function in his educational career.

Prerequisite: Philosophy 21.

31. History and Principles of Education 2 hours

An exposition of the development of school systems and educational practices in the United States from the Colonial Period to the present. Class work and reading assignments will include historical material to illustrate the principles involved in the rise of new movements and practices in education. Catholic principles of education are stressed throughout the course.

32. General Methods 1 hour

This course deals with general principles of effective teaching in secondary schools. Topics for discussion include: selection and arrangement of subject matter; motivation and direction of learning activities; discipline; questioning, assignment and review procedure; problem-project teaching and socialized recitation; development of appreciation, attitudes and ideals.

Note: may be taken only in conjunction with Educ. 46.

33. Developmental Reading 2 hours

An analysis of the reading problems of high school and college students. Material and procedures for identifying the reading attainments and needs of the individual. Basic principles and techniques for improving reading skills.

34. Philosophy of Education 2 hours

A study of the philosophical principles underlying education as a social institution. The course aims to provide the student with norms for estimating the relative value of educational theories, practices, and agencies which influence the work of the schools.

35. Sociology of Education 3 hours

The school and the society. The function of the school as an agent of culture transfer. Detail of current analysis. Projects.

36. Elementary Curriculum 3 hours

A general introduction to the principles and trends in the various areas of the curriculum in the light of modern concepts of child development.

37. Educational Psychology II: Tests and Measurements 2 hours

History of the testing movement; principles of test construction; qualities of and evaluation of teacher and standardized tests; a study of the various types of individual and group tests; basic statistical concepts, the application of tests to educational and psychological problems, and the evaluation, interpretation, and application of test results; practice in taking and giving tests in actual educational and psychological situations.

38. Elementary Statistics 3 hours

An introduction to the fundamentals of modern statistics. Topics to be considered include the following: descriptive statistics, frequency distributions, measures of location, measures of variation, probability and decision-making, problems of estimation and tests of hypotheses, linear regression, correlation, and time series analysis.

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Emphasis is on the interpretation and use of statistical analysis in the social sciences.

Note: Students who show credit in Math 13 must take Math. 38 instead of Educ. 38.

39. Counseling and Guidance 2 hours

Principles and techniques of personal counseling and of educational and vocational guidance of high school students. Attention is given to the use of appropriate tests, rating scales, interview techniques, organizing of the guidance program, placement and follow-up services in the high school.

40. Children's Literature 2 hours

A survey of traditional and contemporary literature for children from kindergarten through junior high school. Emphasis is placed on types of literature, methods of use, authors, and illustrators.

41. Human Growth and Development 2 hours

A study of the psychological factors in child development from birth to adolescence; attention is given to intellectual, emotional, social, physical and religious development.

42. Psychology of Adolescence 3 hours

A study of the nature of adolescents with special reference to their physical, mental, emotional, social, moral and religious problems and development.

44. Professional Laboratory Experiences 1 hour

Laboratory and seminar course involving guided observation and participation in the activities of the elementary school.

45. Student Teaching: Elementary School 8 hours

Semester's program of observation and teaching in an approved elementary school under the direction of an elementary supervising teacher and the Director of Student Teaching of St. Joseph's College. Lesson plans and conferences are requirements.

Prerequisite: Departmental approval.

46. Student Teaching: High School 7-8 hours

This course is required of all students working for a high school certificate. Students are required to observe classes in the local schools for thirty to thirty-five periods, and to record the results of their observation. Each student is also required to plan and teach at least ninety periods under the direction of an approved supervising teacher. Individual conferences and group meetings are held weekly with the Director of Student Teaching.

Prerequisite: Departmental approval.

48.1. Language Arts in the Elementary School I 2 hours

This course covers the program of reading at the elementary level. It stresses the place and importance of reading in the elementary curriculum, reading-readiness, methods of approach, silent and oral reading, evaluation, and remedial measures.

48.2. Language Arts in the Elementary School II 2 hours

This course stresses the child's expressional abilities — written and oral expression — and includes grammar, spelling and handwriting. It considers instructional methods, standards of achievement, and corrective measures.

48.3. Social Studies and Natural Sciences in the Elementary School 3 hours

A study of the place of the natural sciences and the social studies in the elementary curriculum; the classroom methods, techniques and materials in these areas; measurement of the results of teaching; curriculum content.

48.5. Methods in Elementary Arithmetic 3 hours

Techniques and methods of teaching arithmetic in the elementary school; individual diagnosis; remedial teaching and evaluation.

Prerequisite: Math. 1, 11, 12.

Education 48.7. Language Arts in the Elementary School III 3 hours

This course continues the investigation of the child's training in oral expression. The teacher's role in the development of correct speech is stressed. Emphasis will be upon the diagnosis of simple speech defects and disorders, nasality, lisping, omissions, additions, substitutions, inversions. Theory of improving simple defects and disorders. (Same as Speech 43.)

49. Special Methods: High School 2 hours

Professional academic courses are organized in each of the teaching fields described by the teaching majors. These courses deal with the particular aims, materials, and methods of the respective subjects as presented in the modern high school. Credit in Special Methods courses applies to the requirements in professional education, but may not be counted toward a major or a minor in the academic department to which the subject is related.

49LA. The Teaching of Language Arts in High School

For prospective teachers of English and Speech.

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49SS. The Teaching of Social Studies in High School

For prospective teachers of history, economics, political science and sociology.

49Sc. The Teaching of Mathematics and Natural Science

For prospective teachers of mathematics, general science and physics.

49PE. The Teaching of Health and Physical Education

For prospective teachers of health and physical education.

49Mu. The Teaching of Music in High School

For prospective teachers of music.

51. Honors Seminar in Education

3 hours

P R E - E N G I N E E R I N G**F I V E - Y E A R E N G I N E E R I N G P R O G R A M S**

The following programs enable students to combine a liberal arts course at Saint Joseph's College with education in Engineering at a University or Technical School. Under this plan, the student attends Saint Joseph's for three years* and then transfers to the Engineering School for the completion of advanced courses in a particular field of engineering. Formal agreements on this 3-2 program have been completed with the following: **University of Detroit; Marquette University; New York University; Purdue University; Rose Polytechnic Institute; Saint Louis University (civil and industrial engineering); University of Illinois; University of Notre Dame;** however, students may transfer to any accredited engineering college.

Upon the successful completion of the requirements from Saint Joseph's, the candidate will receive the Bachelor of Arts degree, and, upon the successful completion of the five-year course, the Bachelor of Science in Engineering from the school to which he has transferred. The B.A. degree for Aeronautical, Astronautical, Civil, Electrical, Mechanical, Metallurgical Engineering, and for Meteorology and Oceanography, is given in Mathematics-Physics; for Agriculture, in Biology-Chemistry; for Chemical Engineering, in Chemistry; for Industrial Engineering, in Economics.

Students in the 3-2 program are accepted at these engineering schools only on recommendation of the Dean's Committee on Engineering. They must submit a formal application for transfer to an engineering school in the fall semester of their junior year.

The 3-2 Engineering student is subject to all graduation requirements. (cf. Note 3 of Departmental Requirements in Department of Mathematics.)

* Some programs may require a summer session at the engineering college.

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Approved Sequence of Courses for the First Three Years of the

1. Aeronautical and Astronautical Engineering Program, 2. Mechanical Engineering Program, 3. Civil Engineering Program, 4. Electrical Engineering Program, 5. Meteorology & Oceanography.

FRESHMAN YEAR

		Semester	Hours	
Humanities 25, 27	2	2	Music Art Forms, Art: History and Appreciation	
Literature I-II	3	3	American, British, or World Lit.	
Mathematics 12	3		Introduction to Modern Algebra	
Mathematics 15	3		Trigonometry and Analytic Geometry	
Mathematics 25	3		Calculus I	
Philosophy 12, 21	3	3	Sources, Philosophy of Man	
Physics 24		4	Mechanics, Thermometry	
Theology 19, 20	3	3	The Old Testament, the New Testament	
		—	—	
		17	18	

SOPHOMORE YEAR

Chemistry 11-12	4	4	General Chemistry, Qualitative Analysis
English 20	3		Rhetoric & Composition
History 11-12	3	3	Development of Western Civilization (1)
Mathematics 26	3		Calculus II
Philosophy 31		3	Metaphysics
Physics 25-26	4	4	Thermodynamics; Electricity & Atomic Structure
Theology		3	Elective
		—	—
		17	17

JUNIOR YEAR

Mathematics 35, 45	3	3	Calculus III, Advanced Calculus: Vector Analysis
Mathematics 36		3	Differential Equations
Electives	3	3	Electives (2)
Philosophy (upper level)		3	Required Elective
Physics 41-42	3	3	Modern Physics
Physics 43, 44	3	3	Statics; Dynamics
Theology		3	Elective
Speech 15		2	Fundamentals of Speech
		—	—
		17	18

- (1) Students planning to attend Illinois Institute of Technology or Purdue choose Economics 21-22 instead of History 11-12. Industrial Engineering students planning to attend St. Louis University also choose Economics 21-22 and take only History 12 as an elective.
- (2) Civil Engineering students take Geology 11, Physical Geology; Electrical Engineering students take Physics 31, Electric Circuits. Civil Engineering students planning to attend St. Louis University also take Economics 21, Principles of Economics (I). Industrial Engineering students planning to attend the same institution, see note 1. Students planning to attend New York University in Aeronautics and Astronautics take Mathematics 44.

Approved Sequence of Courses for the First Three Years
of a Combined Program in Agriculture

FRESHMAN YEAR

		Semester	Hours	
Biology 11-12	4	4		Introduction to Experimental Biology
History 11-12	3	3		Development of Western Institutions
Literature I-II	3	3		American, British, or World Lit.
Humanities 25, 27	2	2		Music Art Forms, Art: History and Appreciation
Mathematics 12, 15	3	3		Introduction to Modern Algebra, Trig- onometry & Analytic Geometry
Philosophy 12	3			Sources
Theology 19		3		The Old Testament
	—	—		
	18	18		

SOPHOMORE YEAR

Chemistry 11, 12	4	4	General Chemistry; Inorganic Chemis- try and Qualitative Analysis
English 20		3	Rhetoric and Composition
Mathematics 25-26	3	3	Calculus I, II
Philosophy 21, 31	3	3	Philosophy of Man: Metaphysics
Physics 21-22	4	4	College Physics
Theology 20	3		The New Testament
	—	—	
	17	17	

JUNIOR YEAR

Biology 43-44	4	4	Microbiology
Chemistry 31-32	4	4	Organic Chemistry
Economics 21		3	Principles of Economics
Geology 11	4		Physical Geology
Philosophy, upper level		3	Required Elective
Theology, upper level	3	3	Required Electives
Speech 15	2		Fundamentals of Speech
	—	—	
	17	17	

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Approved Sequence of Courses for the First Three Years of

1. Chemical Engineering Program
2. Metallurgical Engineering Program

FRESHMAN YEAR

		Semester		
		Hours		
Chemistry 11-12	4	4	General Chemistry; Elementary Analysis	
Literature I-II	3	3	American, British, or World Lit.	
Humanities 25	2		Music Art Forms	
Mathematics 12	3		Introduction to Modern Algebra	
Mathematics 15	3		Trigonometry & Analytic Geometry	
Mathematics 25	3		Calculus I	
Philosophy 12	3		Sources	
Physics 24	4		Mechanics, Thermometry	
Theology 19	3		The Old Testament	
	—	—		
	18	17		

SOPHOMORE YEAR (2)

Chemistry 33	4	Quantitative Analysis
English 20	3	Rhetoric and Composition
Humanities 27	2	Art: History and Appreciation
Mathematics 26	3	Calculus II
Philosophy 21, 31	3	Philosophy of Man; Metaphysics
Physics 25, 26	4	Thermodynamics; Electricity and Atomic Structure
Theology 20 and Theology	3	The New Testament, Elective
Speech 15	2	Fundamentals of Speech
	—	—
	17	18

JUNIOR YEAR (2)

Chemistry 35	4	Elementary Physical Chemistry
History 11-12	3	Development of Western Institutions
Mathematics 35	3	Calculus III
Philosophy (upper level)	3	Required Elective
Physics 41-42	3	Modern Physics
Physics 43, 44	3	Statics; Dynamics
Theology	3	Elective
Elective	3	Elective
	—	—
	18	16

- (1) Students planning to attend New York University in Chemical Engineering take Chemistry 31-32 and Mathematics 36 instead of Chemistry 35. Those planning to attend there in Metallurgy take Physics 31 instead of Chemistry 35.
- (2) Students are to consult the Chairman of the Department of Chemistry before registering for their Junior Year.

Approved Sequence of Courses for the First Three Years of the
Industrial Engineering (and Operations Research) Program¹

FRESHMAN YEAR

		Semester	Hours	
Business 21-22	3	3	Principles of Marketing; Principles of Management	
Economics 21-22	3	3	Principles of Economics	
Literature I-II	3	3	American, British, or World Lit.	
Mathematics 12	3		Introduction to Modern Algebra	
Mathematics 15	3		Trigonometry & Analytic Geometry	
Mathematics 25	3		Calculus I	
Philosophy 12	3		Sources	
Physics 24		4	Mechanics, Thermometry	
Theology 19		3	The Old Testament	
		—	—	
		18	19	

SOPHOMORE YEAR

Accounting 21-22	3	3	Principles of Accounting	
English 20	3		Rhetoric and Composition	
Humanities 25		2	Music Art Forms	
Mathematics 26	3		Calculus II	
Philosophy 21, 31	3	3	Philosophy of Man; Metaphysics	
Physics 25, 26	4	4	Thermodynamics; Electricity and Atomic Structure	
Theology 20		3	The New Testament	
Speech 15		2	Fundamentals of Speech	
		—	—	
		16	17	

JUNIOR YEAR

Accounting 42	3		Cost Accounting	
Economics 49	3		Catholic Social Teaching	
Humanities 27	2		Art; History & Appreciation	
Mathematics 35, 36	3	3	Calculus III, Differential Equations	
Philosophy, upper level	3		Required Elective	
Physics 41-42	3	3	Modern Physics	
Physics 43, 44	3	3	Statics; Dynamics	
Theology, upper level	3	3	Electives	
		—	—	
		17	18	

(1) Students planning to attend St. Louis University follow the program for civil engineers. Students planning to attend New York University take Physics 31 and Psychology 10.

DEPARTMENT OF ENGLISH

The aims of the Department of English are: 1. To teach the student to read with understanding, and to write and speak with correctness, with exactness, and with some artistry. 2. To develop a capacity for the enjoyment of literature, especially of the major English and American authors. 3. To cultivate what Newman calls "enlargement of mind," which embraces breadth and depth of view, critical judgment, and good taste. 4. To provide adequate preparation for graduate studies, for teaching in secondary schools, and for the study of journalism or law.

Departmental Requirements

1. English 15, 16, 21, and 22 are **prerequisites** for a major sequence in English.
2. The requirements for a **major** sequence in English are twenty-four hours in upper-level courses. The requirements for a **minor** sequence are any twelve hours in upper-level courses.
3. Furthermore, for graduation the student majoring in English must show twelve hours of credit in a foreign language. The Department urges that this language be German, especially if he plans to attend graduate school in English.
4. The Department's "Basic Reading List for English Majors" constitutes the minimal reading required through the several years of literary study. The freshman who plans the English major is expected to obtain his copy of this list promptly from the Department Chairman and to use it as a guide.

Suggested Program.

1. On the lower level, students majoring in English take Program II. Electives recommended on the freshman level are introductory courses in a foreign language (e.g. German 1-2).
2. Prerequisites to be taken in the freshman year are the following: English 21-22.
3. On the upper level, students should see their faculty advisor prior to scheduling their junior and senior courses. They should bear in mind that, ordinarily, odd-numbered courses are scheduled for the first semester and even-numbered courses for the second.

COURSES IN ENGLISH

11-12. British Literature

6 hours

A study of the works of representative British authors from the Old English period to the contemporary period.

13-14. American Literature

6 hours

A study of the works of representative American authors from early colonial times to the contemporary period.

15-16. Continental World Literature

6 hours

Great classics — ancient, medieval, and modern — are read in translation, with attention to the continuity of broad literary trends, to the interrelation of literatures, and to such artistic values as are preserved in translation.

20. Rhetoric and Composition

3 hours

A study and practice of correct and effective writing.

21. Introduction to Literary Studies

3 hours

A survey of the general history of literature in English, the nomenclature of literary analysis and criticism, and the reading of representative masterworks in the major literary genres. Required of all English majors.

22. The English Language

3 hours

The nature and history of language as particularly exemplified by English. Special studies in such areas as etmologies, meaning, and the units of English grammar, from the morpheme to the sentence as a whole. Required of all English majors.

31-32. Shakespeare

6 hours

A critical study of Shakespeare's life and works. The first semester includes the author's works to approximately 1600; the second semester, his later writings. (Offered 1967-68)

These courses may be taken for Speech 41-42 credit.

33. The Romantic Age

3 hours

A study of the main writers of the period and their relation to their own and later times. (Offered in 1967-68)

34. The Victorian Age

3 hours

A study of the main Victorian and later Victorian writers and their relation to contemporary ideas. (Offered in 1967-68)

35-36. Studies in American Literature

6 hours

The major prose and poetry writers of American literature are studied critically and historically. (Offered in 1967-68)

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37. Advanced Writing **3 hours**
Advanced studies in expository, descriptive, narrative, and persuasive writing. (Offered in 1968-69)

38. Advanced Grammar **3 hours**
Systematic study in depth of the syntax of the English sentence. Emphasis is on the conventional grammar but with attention directed also to contemporary approaches and new departures. (Offered in 1967-68)

41. Renaissance **3 hours**
A study of selected non-dramatic writings by the major English authors from St. Thomas More to Milton inclusive. (Offered in 1968-69)

42. Neo-Classicism **3 hours**
A study of major writers of the English revival of classicism. (Offered in 1968-69)

43. Chaucer **3 hours**
After an introduction into the life and times of Chaucer, the student analyzes linguistically and reads critically the Middle English of the **Canterbury Tales** and **Troilus and Criseyde**. (Offered in 1968-69)

44. Contemporary British Literature **3 hours**
A survey of the chief British authors, major works, and trends in English since 1918, exclusive of the drama and the novel. (Offered in 1968-69)

45. The Novel **3 hours**
A study of the major English and American novelists from Richardson to the present time. (Offered in 1968-69)

46. The Drama **3 hours**
A survey of the chief trends in English and American drama from the beginnings to the present, with emphasis on the reading of representative plays exclusive of Shakespeare's. (Offered in 1968-69)
This course may be taken for Speech 46 credit.

48. Literary Criticism **3 hours**
A study of the nature, basic values, and techniques of literatures as interpreted by various critics. Insight into principles, criteria, and methods is deepened through selected reading. (Offered in 1968-69)

51. Honors Seminar in English **3 hours**

61-62. English Honors **6 hours**

DEPARTMENT OF GEOLOGY

In addition to their contribution to general education the courses in geology are designed to prepare the student for entrance into graduate school or specific occupational fields. In this latter respect the courses are intended to prepare the student for a position with the United States Civil Service Commission, to enable him to work with the United States Geological Survey and State Geological Surveys, or to train him for employment in the petroleum or mining industries, or with the National Park Service, either in the field or in the laboratory.

Laboratory fees: Geology 11 and 12, each \$5.00. Geology 33, 34, 37, 41, 42, and 46, each \$7.50.

Departmental Requirements:

1. Geology 11-12 are **prerequisites** for all upper-level courses in geology.

2. The minimum requirements for a **major** sequence in geology are twenty-four hours in upper-level courses, including Geology 43 and 44. A minimum of a four-hour summer field course is also required. It is further necessary that the student majoring in geology show credit in or give evidence of sufficient knowledge of Physics 21-22, Chemistry 11-12, and Mathematics 12, 15. Mathematics 25-26 are strongly recommended for the major in geology. The requirements for a **minor** sequence are twelve hours in upper-level courses.

Suggested Program.

1. On the lower level, students majoring in geology take Program III. In the freshman year they take the courses in Bracket B.

2. Requirements and electives recommended in the sophomore year are the following: Geology 32, 33, 34; Mathematics 13, 14 or Physics 21-22.

3. On the upper level, students should see their faculty advisor prior to scheduling their junior and senior courses. They should bear in mind that, ordinarily, odd-numbered courses are scheduled for the first semester and even-numbered courses for the second.

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COURSES IN GEOLOGY

11. Physical Geology 4 hours

This course introduces the student to the field of geology through a study of the following topics; rock weathering, mass wasting, sculpture of lands by streams, subsurface water, lakes and swamps, glaciation, erosion and deposition by the wind, marine erosion, volcanoes, deformation of the earth's crust, earthquakes, metamorphism, land forms, the common rocks and minerals, topographic maps. Three lectures and one laboratory period each week.

12. Historical Geology 4 hours

A further introduction to the field of geology through a study of the following topics: earth history recorded in the rocks, the constant change of living things, the scale of time, the Precambrian, Paleozoic, Mesozoic, and Cenozoic world, fossils, geologic maps. Three lectures and one laboratory period each week.

Prerequisite: Geology 11.

20. World Geography 3 hours

This course presents to the student the life and occupations of man as related to geographic conditions. The social, political, and industrial development of typical regions is studied in relation to such factors as land utilization, natural highways and boundaries, and distribution of natural resources.

32. Graphic Procedures in Geology 2 hours

This course covers the elements of engineering drawing as applied to geologic problems. The first half of the semester is devoted to instruction in sketching, lettering, use of instruments, the construction of charts, maps, and geologic illustrations. The second half of the course covers the principles of orthographic projection and plane descriptive geometry as used in the solution of practical geologic problems. Two two-hour periods per week.

Prerequisite: Geology 12 and consent of Instructor.

33. Mineralogy 4 hours

A course dealing with physical, chemical, descriptive, economic, and determinative mineralogy, and the fundamentals of crystallography. Two lectures and two laboratory periods each week.

Prerequisite: Chemistry 11, 12.

34. Optical Mineralogy 3 hours

Theory and practice of determining the optical properties of minerals with the aid of the petrographic microscope. One lecture and two laboratory periods per week.

Prerequisite: Geology 12, 33.

35. Geomorphology 3 hours

The study of the land forms produced by various geologic processes on the surface of the earth; the use of land forms in the interpretation of geologic history. Two lectures and one laboratory period each week.

Prerequisite: Geology 12.

36. Geologic Field Methods 2 hours

This course treats the use of the plane table and alidade, Brunton compass, altimeter, and other instruments used in geologic field problems and mapping. Two two-hour laboratories each week.

Prerequisites: Geology 11 and 12.

37. Photogeology 2 hours

The course embraces the evaluation and depiction of geologic phenomena from aerial photographs. The primary emphasis is placed on the delineation of structural, petrologic, geomorphic and cultural features. Two laboratory periods per week.

Prerequisite: Geology 12, 43.

39. Petrology 3 hours

A study of the formation, occurrence, and characteristics of the common rocks together with their field identification. Two lectures and one laboratory period each week.

Prerequisite: Geology 33 and 34.

41. Invertebrate Paleontology 4 hours

Morphology, classification, geological significance of fossils; special study of index fossils of North America. Three lectures and one laboratory period each week.

Prerequisite: Geology 12.

43. Structural Geology 4 hours

A study of the framework of the earth's crust; the deformation of the earth, its causes and effects. Three lectures and one laboratory period each week.

Prerequisites: Geology 12, and Mathematics 11-12.

44. Stratigraphy 4 hours

Methods of description, classification, interpretation, and correlation of rock units. Laboratory exercises are designed to aid in understanding stratigraphic problems, paleoenvironments, and faunal and facies changes. Three lectures and one two-hour laboratory period each week.

Prerequisites: Geology 12, 34, 39, and 41.

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46. Economic Geology	3 hours
A study of the general principles for the formation of mineral deposits, together with an application of these principles to the study of specific economic mineral deposits. Two lectures and one laboratory period.	
Prerequisites: Geology 22 and 34.	
47-48. Seminar in Geology	2 hours
Discussion of special problems.	
Prerequisite: Senior Standing.	
51. Honors Seminar in Geology	3 hours

DEPARTMENT OF HISTORY

The Department of History attempts to explain events by their human causes and to discern in them, where appropriate, the influence of Providence and the play of man's free will, develop the ability to judge critically, to lay the foundations for that general culture which requires the knowledge and background necessary for intelligent and useful citizenship. Concentration in History prepares a student for teaching in secondary schools, for entrance into graduate or law school, and provides a broad cultural basis in a four-year liberal arts program.

Departmental Requirements.

1. History 11-12 are prerequisites for all upper-level courses.
2. The requirements for a major sequence in history are twenty-four hours in upper-level courses including History 31 and 50. History 23-24 is required of History majors and should, for majors, precede all upper level courses in American History. The requirements for a minor sequence are any twelve hours in upper-level courses.
3. Students expecting to pursue graduate studies in history are advised to take at least twelve hours or the equivalent in a foreign language, preferably French or German.

Suggested Program.

1. On the lower level students majoring in history take Program I. Electives recommended in the freshman year are: foreign language or Political Science 21-22.
2. Electives recommended for the sophomore year are the fol-

lowing: Economics 21-22, Political Science 21-22, further courses in foreign languages.

3. Political Science 44, International Relations, may be counted towards the twenty-four hours required for a major in History.

COURSES IN HISTORY**11-12. The Development of Western Institutions 6 hours**

The origins and growth of the basic social and cultural institutions of Western Civilization. Their pre-literary origins, the ancient Mediterranean world, and medieval society are considered during the first semester; their development in the modern world since the seventeenth century is treated in the second semester.

20. World Geography 3 hours

(See Geology 20).

23-24. United States History, I-II 6 hours

A study of American civilization from its European origins until 1865 in the first semester; its development since 1865 until the present is considered in the second semester.

29. Intellectual History of the Twentieth Century 3 hours

A critical attempt to determine the themes and principal figures of philosophy in the last hundred years. (Same as Philosophy 44.)

30. Ancient Greece and Rome 3 hours

A study of the two centers of classical civilization, Athens (500 to 400 B.C.) and Rome (100 B.C. to 100 A.D.). Emphasis is placed on Athenian cultural attainments and on Roman political developments.

31. Medieval Europe 3 hours

The development of Europe from the disintegration of the Roman Empire in the West to the Renaissance. The Church, feudalism, the manorial system, and town life are among the major topics treated. Stress is placed upon the social and economic life in the period.

33. The American Colonies 3 hours

Included are institutional developments, economic and social life, the trend towards and the struggle for independence, the Confederation period and the framing of the Constitution. (Offered in alternate years.)

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34. American Nationalism and Sectionalism 3 hours

Within the Federalist, Jeffersonian, and Jacksonian administrations, there is stressed the new nationalism, the rise of the common man, and the ascendancy of sectionalism. (Offered in alternate years.)

35. The Civil War and Reconstruction 3 hours

A study of the slavery question, the disruption of the party system, the war between the states, and the issues and problems of reconstruction. (Offered in alternate years.)

36. Recent American History 3 hours

Emphasis is given to the political and social history from Theodore Roosevelt to Lyndon Johnson. (Offered in alternate years.)

37. American Foreign Relations, 1776-1890 3 hours

A survey of United States relations with Europe, Latin America, the Orient, and Russia, tracing the origins and development of our foreign policy and the history of the men who framed it. (Offered in alternate years.) (May be taken for Political Science credit).

38. American Foreign Relations since 1890 3 hours

The more important principles of American Diplomacy with the development of American foreign policies since 1890. (Offered in alternate years.) (May be taken for Political Science credit).

39. History of Latin America 3 hours

A study of the main trends in the development of Latin American civilization from the Age of Discovery to Recent Times.

40. American Economic History 3 hours

Included are the physical environment of American economic development, colonization, continental expansion and industrialism, the economy during war time, prosperity, and depression. (Same as Econ. 42.)

42. English Medieval Constitutional History 3 hours

The constitutional and legal institutions and development of the English people from Anglo-Saxon times to the early modern period. (May be taken for Political Science credit.)

43. History of Modern Russia 3 hours

The origins and development of the revolutionary movements and the basic factors in Russian and Soviet foreign policy from the eighteenth century to the present time.

44. History of the Modern Far East 3 hours

A study of the internal difficulties of the Far East, particularly China and Japan, caused by the impact of Western technical civilization, the resultant reforms, and the shifting balance of power in the area from the early nineteenth century to the present. (Offered in alternate years.)

45. Renaissance and Reformation 3 hours

Emerging modern Europe between about 1450 and 1648: the rise of national monarchies, the commercial revolution, the renaissance, and the religious reformations.

46. Absolutism and Revolution 3 hours

The study of Europe from 1648 to 1815, dealing with the English Revolutions, the era of Louis XIV, the Enlightenment, the French Revolution and Napoleon.

47. Nineteenth Century Europe 3 hours

The history of Europe from 1815 to 1914, emphasizing the development of the democratic state, the spread of nationalism, and the origins of the First World War.

48. Europe Since 1914 3 hours

A study of warfare, totalitarianism, dictatorships, and "collective security" in our own times.

50. Pro-Seminar in History 3 hours

An introduction, by means of directed reading and individual projects, to the methods of historical research, historiography, and the philosophy of history.

61-62. History Honors 6 hours**HONORS PROGRAM****Freshman-Sophomore Honors Program**

The Faculty Committee on Academic Excellence has instituted a two-year honors course for freshmen and sophomores. This interdisciplinary program is offered to those freshmen who have scored high on the SAT and have superior high school grades and class rank. Usually the upper ten percent of each incoming freshman class is invited to apply. From these applicants a class of approximately twenty-five honors students is selected. Qualifying students are not compelled to enroll. Those who do elect the program may withdraw

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or be requested to do so at the end of any grading period. In each case of program termination before the end of the four course sequence, all credits are equivalated at no detriment to the student; furthermore, the student's transcript will indicate that such an honors course was taken.

The Freshman-Sophomore Honors Program treats in depth certain significant periods in Western Culture by emphasizing original sources. The following is the current program:

Honors I (First Semester, Freshman): The Golden Age of Greece
8 credits

Honors II (Second Semester, Freshman): The High Middle Ages
8 credits

Honors III (First Semester, Sophomore): The Enlightenment
8 credits

Honors IV (Second Semester, Sophomore): The Twentieth
Century
8 credits

History, art, literature, and philosophy are the primary areas discussed by the class and the team of honors professors. The design of the program has not been directed toward any specific major field of study. Grades are primarily determined by the caliber of class participation and submitted papers.

Those enrolled are relieved of all lower-level history, English, social science, theology, and philosophy course requirements. However, the student is required to fulfill the math/science requirement, the social science elective requirement as well as all prerequisite courses for any individual major program.

All-College Honors Program

The purpose of this program is to enable exceptional students to broaden and deepen their knowledge at the upper level by enrolling in Honors courses offered by the various departments of instruction.

Students are invited to enter this program through the Office of the Academic Dean on the advice of the chairman of the student's major department. These students are advised in arranging their participation in the program by the Committee on Academic Excellence. Students normally become eligible for the program at the close of their Freshman year.

To qualify for graduation with All-College Honors, students must a) have the required cumulative index for graduation with honors and b) have completed four Honors courses (numbered in the 60's) in any of the various departments plus Honors 51 in his major field.

HUMANITIES COURSES

All students must, for graduation, show four semester hours in the following courses.

25. Music Art Forms 2 hours

The aim of this course is to lay the foundation for an intelligent appreciation of music and its relation to human experience. The nature and development of music are studied, but primary emphasis is on an aural recognition of the actual music art forms.

27. Art: History and Appreciation 2 hours

A course designed to furnish the student with a background for an understanding of the arts and to broaden his judgment in regard to what constitutes beauty and good taste. A brief survey of painting, sculpture, architecture, and the minor arts of all periods.

DEPARTMENT OF LANGUAGES

The courses offered by the Department of Languages are designed to fulfill these general aims: (1) to provide the student with a basic knowledge of modern and classical language; (2) to offer through the study of language an insight into and an appreciation of the literature and culture of other peoples. More specifically, the department's purpose is to provide the student with the basic skills in a language — namely, the ability to read, write and speak modern languages and to read and write classical languages — in preparation for entrance into graduate school, theological seminaries and the teaching profession.

Departmental Requirements.

1. No **major** sequence is offered in languages. There are no prerequisites, but students will not be admitted to upper-level courses unless they show adequate preparation and proficiency.

2. The requirements for a **minor** sequence in a specific language are twelve hours in upper-level courses, unless otherwise noted.

COURSES IN FRENCH

1-2. Introductory French 6 hours

Careful training in the fundamentals of French grammar and pronunciation. Simultaneous development of the four ends of language study: reading, aural comprehension, writing and speaking.

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21-22. Intermediate French **6 hours**
Review of basic grammatical forms, plus advanced grammar and idiomatic usage. Reading of selected texts and written reports are required.

31. Advanced Composition **3 hours**
Correct, idiomatic and effective writing in French. Translations are assigned, as well as topics for individual creative writing.

32. Advanced Conversation **3 hours**
Systematic and intensive French oral practice. Topics are assigned for individual presentation and group discussion. The class is conducted in French, and audio-visual aids are used to perfect pronunciation and inflection.

35-36. French Literature to the 19th Century **6 hours**
A survey of French literature from its beginnings to the nineteenth century. Readings from the most important authors. Oral and written reports are required.

41-42. French Literature of the 19th and 20th Century **6 hours**
A survey of French literature of the nineteenth and twentieth centuries. Readings from representative authors. Oral and written reports are required.

COURSES IN GERMAN

1-2. Introductory German **6 hours**
Exercises in pronunciation, essentials of grammar, and functional vocabulary. Intensive reading from graded texts.

21-22. Intermediate German **6 hours**
Review of grammar. Practice in reading and writing. Required selections from modern works in the narrative, dramatic, and scientific styles.

26. Scientific German **3 hours**
An intensive reading course for students majoring in science. This course may be substituted for German 22.

31. Advanced Composition **3 hours**
Correct, idiomatic and effective writing in German. Translations are assigned, as well as topics for individual creative writing.

32. Advanced Conversation **3 hours**
Systematic and intensive German oral practice. Topics are assigned for individual presentation and group discussion. The class

is conducted in German and audio-visual aids are used to perfect pronunciation.

35-36. German Literature to the 19th Century 6 hours

A survey of German Literature from its beginnings to the nineteenth century. Readings from the most important authors. Oral and written reports are required.

41-42. German Literature of the 19th and 20th Century 6 hours

A survey of German Literature of the nineteenth and twentieth centuries. Readings from representative authors. Oral and written reports are required.

COURSES IN GREEK

1-2. Elements of New Testament Greek 6 hours

A study of the fundamentals of inflection and rules of syntax as found in the Greek of the New Testament.

21-22. The Greek New Testament 6 hours

The course aims to impart a reading knowledge of the Greek New Testament through the reading of some selections from the Gospels and the **Acts of the Apostles**.

COURSES IN LATIN

1-2. Introductory Latin 6 hours

A course designed for students who have not taken Latin in high school; it covers in one year the matter usually taken in two years of high school Latin.

3-4. Intermediate Latin 6 hours

A course designed for students who present two years of Latin from high school, or the equivalent. Selections from Caesar's Gallic Wars, the Catilinarian Orations of Cicero, and Virgil's **Aeneid** form the subject matter of the course.

5. Cicero 3 hours

Pro Archia and selections from the **De Amicitia**, **De Senectute**, and the Letters of Cicero.

Prerequisite: Latin 3-4 or equivalent.

6. Horace 3 hours

Selected odes, epodes, and satires.

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7-8. Latin Composition I	2 hours
Graded exercises for translating from English to Latin. This course is complementary to Latin 5 and 6.	
15. Readings in Ecclesiastical Latin	3 hours
The Catechismus Catholicus of Cardinal Gasparri is used as the means of developing fluency and comprehension.	
21. Livy	3 hours
Selections from Livy's History of Rome .	
22. Latin Hymns and Ecclesiastical Writers	3 hours
A study of selected hymns from the Roman Breviary and of texts commonly used in the major seminary.	
25-26. Latin Composition II.	2 hours
Advanced exercises in continuous prose composition.	

COURSES IN SPANISH

1-2. Introductory Spanish	6 hours
Drill in the basic grammatical rules. Simultaneous development of the four ends of language study: reading, aural comprehension, writing and speaking.	
21-22. Intermediate Spanish	6 hours
Review of basic grammatical forms, plus advanced grammar and idiomatic usage. Reading of selected texts and written reports are required.	
31. Advanced Composition	3 hours
Correct, idiomatic and effective writing in Spanish. Translations are assigned as well as topics for individual creative writing.	
32. Advanced Conversation	3 hours
Systematic and intensive Spanish oral practice. Topics are assigned for individual presentation and group discussion. The class is conducted in Spanish, and audio-visual aids are used to perfect pronunciation and inflection.	
35-36. Spanish Literature	6 hours
Survey of Spanish literature from its beginnings to modern times. Selected readings from the most important authors. Written and oral reports are required.	
41-42. Spanish-American Literature	6 hours
A survey of Spanish American literature with emphasis on the nineteenth and twentieth centuries. Selected readings from representative authors from various countries.	

DEPARTMENT OF MATHEMATICS

The mathematics courses offered below are designed to help the student attain: 1) an understanding and appreciation of the fundamental methods of deductive reasoning; 2) adequate preparation for work in graduate and professional schools; 3) facility in the use of mathematics as a tool; 4) thorough familiarity with modern mathematical concepts.

Laboratory fees: Math. 3, 4, and 6, \$10.00 each.

Departmental Requirements:

1. The requirements for a **major** sequence are twenty-four hours in upper level courses, including the following: Mathematics 32, 33, 35, 36, 46. The requirements for a **minor** sequence are twelve hours in upper level courses.
2. A group-major involving mathematics is comprised of at least thirty-six hours in upper-level courses, of which a minimum of fifteen hours are in mathematics, including the following courses: Mathematics 35, 36.

Suggested Program:

1. On the lower level, mathematics majors and combination-majors follow Program I. In the first semester of the freshman year, they are advised to take Mathematics 12 and 15, and to do so simultaneously. In the second semester, they are to take Mathematics 25.
2. On the upper level, students should consult faculty advisors in the mathematics department prior to scheduling courses.
3. Mathematics 11 (College Algebra) and Mathematics 12 (Introduction to Modern Algebra) is the two-course sequence recommended to satisfy the general education requirements. By way of exception, any two mathematics courses with numbering greater than 10 will satisfy this requirement.
4. The standard sequence of courses for science students and, in particular, for engineering students should be as follows: Mathematics 15 (Trigonometry and Analytic Geometry), Mathematics 25, 26, and 35 (the Calculus sequence).

COURSES IN MATHEMATICS**1. Fundamental Theory of Arithmetic for Elementary Teachers**
3 hours

This course is designed specifically for elementary teachers and stresses the number system structure from natural numbers to and including rational numbers. Major areas of emphasis are set terminology, numeration systems, basic number properties, and review of fundamental arithmetic processes.

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3. Fundamentals of Computer Data Processing 3 hours

4. FORTRAN for Commercial Applications 3 hours

6. FORTRAN for Scientific Applications 3 hours

11. College Algebra 3 hours

A survey of traditional algebra, including functions, equations, identities, exponents, radicals, logarithms, inequalities, mathematical induction, progressions, and introduction to theory of equations.

12. Introduction to Modern Algebra 3 hours

The basic properties of algebraic structures; extensive use of these properties applied to traditional algebra; detailed examples of algebraic structures; introduction to integers, rationals and reals; introduction to algebra of sets.

15. Trigonometry and Analytic Geometry 3 hours

Trigonometric functions, solutions of various triangles, formulas and identities; radian measure; trigonometric equations and curves; inverse trigonometric functions; complex numbers. Linear equations; the circle, parabola, ellipse, and hyperbola; parametric equations; polar coordinates.

25. Calculus I 3 hours

An introduction to the Calculus through the following concepts: functions, limits of functions, continuity, derivatives, differentiation of algebraic functions, applications of derivatives, antiderivatives, and the definite integral.

26. Calculus II 3 hours

The differentiation and integration of the transcendental functions, standard methods of integration, study of polar co-ordinates, introduction to vectors in the plane, and improper integrals.

Prerequisite: Mathematics 25

32. Modern Algebra 3 hours

Sets, relations and mappings; introduction to Boolean Algebra; axiomatic development of the complex number system; polynomial domains.

33. Advanced Euclidean Geometry 3 hours

This course introduces the student to an extensive body of synthetic geometry. It includes notable points of the triangle, concurrency and collinearity, harmonic ranges and pencils, orthogonal circles, poles and polars, homothecy, coaxal circles, inversion and involution. It requires only the known Euclidean concepts.

35. Calculus III 3 hours

An introduction to vectors in three-dimensional space, partial differentiation, multiple integrals, infinite sequences and series and an introduction to differential equations.

Prerequisite: Mathematics 26

36. Differential Equations 3 hours

Differential equations from a practical view point, combining the formal exercises of integrating the various standard types of differential equations with the setting-up of equations from problems of natural science.

Prerequisite: Mathematics 35

37. Theory of Numbers 3 hours

The elementary properties of integers, divisibility of integers and Euclid's Algorithm; solutions to Diophantine Equations; prime numbers, aliquot parts, congruences and quadratic residues.

38. Probability and Statistics 3 hours

From this course the student gains an understanding of the kinds of regularity that occur amid random fluctuations; experience in associating probabilistic mathematical models to interpret physical phenomena and to predict, with appropriate measures of uncertainty, the outcomes of related experience.

Prerequisite: Mathematics 11 or the equivalent.

39. Numerical Analysis 3 hours

Finite differences, numerical differentiation, integration, solution of equations and differential equations. Special reference to the use of high computers.

Prerequisite: Mathematics 35

42. Modern Algebra II 3 hours

Elementary group theory; subgroups; homomorphisms and automorphisms; Cayley's Theorem and permutation groups; Sylow's Theorem; elementary ring theory; ideals and quotient rings; elementary field theory and extension fields.

Prerequisite: Mathematics 32

43. Introduction to Modern Geometry 3 hours

This course has two objectives: to present geometry as an interrelated study of various specific geometrical systems, which are characterized by properly chosen postulate systems; and, in this framework, to present a treatment of some Euclidean theorems which meet current standards of rigor. It will touch on logical systems, selection of systems of axioms, non-metric projective geometry,

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non-Euclidean and metric projective geometry. Incidence and order are emphasized.

Prerequisite: Mathematics 33

44. Linear Algebra and Matrices 3 hours

Vector spaces over a field; linear transformations and linear algebras; matrices and their operations; linear equations and determinants; various kinds of matrices; equivalence of matrices.

Prerequisite: Mathematics 32

45. Advanced Calculus: Vector Analysis 3 hours

An introduction to vector analysis; line integrals and their evaluation; Green's Theorem in the plane; surface integrals; Stoke's Theorem; divergence theorem; applications in physics. Selected topics from Fourier Series, LaPlace Transforms and gamma-beta functions.

Prerequisite: Mathematics 35

46. Advanced Calculus: Real Analysis 3 hours

A modern, topological approach to real analysis, dealing with the following concepts: bounded sets, convergence of sequences and sub-sequences of real numbers, continuous functions on metric spaces; open and closed sets; connectedness, completeness and compactness; Riemann Integral; derivatives; law of the mean; fundamental theorems of calculus; improper integrals.

Prerequisite: Mathematics 35

51. Honors Seminar in Mathematics 3 hours

DEPARTMENT OF MUSIC

The aim of the department of music is to further the intellectual aesthetic, and religious development of the student through the medium of the music theory and practice, secular and religious. To achieve this aim the Bachelor of Arts is offered. The music major may concentrate in Piano, Organ, Theory and Composition, or Liturgical Music or Music Education.

Departmental Requirements

1. Music 11, 12, 21, and 22 are required of all music majors. However, Music 22 is not required of Music Education concentrations.
2. For those concentrating in Piano or Organ: 24 hours of music on the upper level, including 8 hours of Piano/Organ and Music 50.
3. For those concentrating in Theory and Composition: 24 hours of music on the upper level, including Music 35, but exclusive of other applied music.
4. For those concentrating in Liturgical Music: 24 hours of music and liturgy (maximum of six hours) on the upper level including Music 32, 46, 47, 49 and 50.
5. For those concentrating in Music Education: 24 hours of music on the upper level, including 6 hours of the major instrument (band instrument or keyboard), 8 hours of instrumental techniques, and Music 50.
6. The music major must pass the Reading Proficiency Test upon entrance or make up the deficiency through non-credit training.
7. The music major is required to participate in a major ensemble throughout his student training. In the case of a student concentrating in Liturgical Music this must be a choral ensemble.
8. On the lower level the music major takes Program I.

COURSES IN MUSIC THEORY AND HISTORY

5. Sight Singing and Dictation **No Credit**

11. Theory I **4 hours**

An integrated course in music theory, including harmony, sight singing, dictation, and keyboard harmony. Melody-writing. Phrase and period structure. The two-voice framework. Diatonic sight singing exercises. Rhythmic and melodic dictation. Aural recognition of intervals. Playing of melodies at the piano, elementary improvisation, simple transposition, and the playing of cadences in all major and minor keys.

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12. Theory II 4 hours

A continuation of Theory I. Horizontal aspects of three- and four-part vocal and instrumental harmony. Modulation to closely related keys. Harmonic dictation. Aural recognition of non-harmonic tones. Harmonic sequence at the piano, improvisation, modulation, and clef-reading.

13. Principles of Conducting: Theory and Practice 2 hours

21. Theory III 4 hours

A continuation of Theory II. Modulation to distant keys. Analysis of larger forms, particularly sonata-allegro. Chromatic harmony. Tertian structures beyond the seventh chord and variously altered chords. Dictation and sight singing of modal melodies. Realization of the figured bass, open-styled Bach Chorales, and the playing of art-song melodies with improvised accompaniment.

22. Theory IV 4 hours

A continuation of Theory III. Advanced chromatic harmony. Non-tertian chord structures. Contemporary music theory and systems of analysis. Appropriate, advanced exercises in sight singing, dictation, and keyboard harmony.

29. Methods of Music (Elementary) 3 hours

Modern methods of presenting music to children in the elementary school. Discussion of such topics as rhythmic activity, singing, appreciation, and means of helping the less musically gifted child.

33. Music History and Literature I 3 hours

A survey of music history and literature from Antiquity to 1750. Prerequisite: Humanities 25.

34. Music History and Literature II 3 hours

A survey of music history and literature from the beginning of the Classical Period through the Impressionistic Period.

Prerequisites: Humanities 25.

36. Counterpoint I 3 hours

A course in sixteenth-century counterpoint to three parts. Prerequisite: Music 22.

37. Counterpoint II 3 hours

A course in 18th Century counterpoint to three parts. Analysis and composition.

Prerequisite: Music 12.

38. Techniques

a. Brass	2 hours
b. Woodwind	2 hours
c. String	2 hours
d. Percussion	2 hours

41a. Orchestral Arranging

2 hours

Prerequisite: Music 21.

41b. Choral Arranging

2 hours

Prerequisite: Music 21.

42. Composition

3 hours

Prerequisite: Music 21.

(Available by private instruction, to be arranged with the instructor. May be taken more than once.)

43. Contemporary Music History and Literature

3 hours

A survey of twentieth-century music history and literature.

Prerequisite: Humanities 25.

44. Orchestra and Band Conducting

2 hours

The principles of conducting instrumental organizations. Baton technique. Rehearsal techniques. Actual conducting experience under critical supervision.

Prerequisite: Music 21.

45. Advanced Keyboard Harmony and Extemporization

3 hours

48. Form and Analysis

3 hours

An extended and concentrated study of larger musical forms, including selected works from the **Well Tempered Clavier** by Bach, the keyboard Sonatas by Beethoven, and the orchestral, chamber music, and keyboard literature from the Classical Period through the Contemporary Period.

Prerequisite: Music 22.

COURSES IN APPLIED MUSIC*

10; 30 — Minor performance area — (instrument, voice) — variable credit.

* Syllabi for applied music courses are available at the office of the chairman of the department.

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20; 40 — Major performance area — (Piano, Organ) — variable credit.

35. Functional Piano 1 hour

Prerequisite: Music 10, Piano, or equivalent.

COURSES IN LITURGICAL MUSIC THEORY AND IN LITURGY

31. Liturgical Legislation and Application 2 hours

Emphasis on most recent legislation. Includes bibliography repertoire, elementary conducting.

32. Gregorian Chant 3 hours

The chant in the Roman Rite: history, nature, development, rhythm, interpretation, psalmody, modality, composition and form, paleography.

46. Choral Conducting 2 hours

The principles of conducting choral ensembles. Rehearsal techniques. Actual conducting experience under critical supervision.

Prerequisite: Music 13.

47. Theology of the Liturgy 3 hours

History of salvation; liturgical spirituality; elements of the liturgy.

49. Theory Integration 2 hours

Review and integration of theory, figured bass, harmonization of melodies, transposition, improvisation, etc.

Prerequisite: Music 22.

50. Senior Recital 1 hour

00. Ensemble (band, glee club) no credit

COURSES IN LITURGICAL APPLIED MUSIC

Cf. Courses in applied music.

DEPARTMENT OF PHILOSOPHY

The Department of Philosophy is one of the central reasons for the existence of a Catholic college as such. It is the aim of this department to offer to all students a well-coordinated program of courses that cover such basic areas of inquiry as man, human knowledge, God, and the universe. The emphasis throughout is placed on man's inherent capacities to discover for himself the fundamental truths relating to these areas of inquiry within the context of a total Christian wisdom. An attempt is made to secure a balance between courses of a doctrinal and those of an historical nature. Six semester hours of philosophy on the lower level and six on the upper level are required of all students. Courses 12, 21, and 31 are obligatory.

Departmental Requirements.

1. Philosophy 12 and 21 are **prerequisites** for all upper level courses in philosophy.
2. The requirements for a **major** sequence in philosophy are twenty-four hours in upper level courses, including Philosophy 31, 32, 33, 38 and six hours from Philosophy 41, 42, 43, 44. The requirements for a **minor** sequence are any twelve hours in upper level courses including Philosophy 31.

Suggested Program.

1. On the lower level students majoring in philosophy take Program II. Electives recommended in the freshman year are the introductory courses in a foreign language.
2. Electives recommended in the sophomore year are: continuation of courses in a foreign language, and courses in the general area of Social Studies.
3. On the upper level, students should see their faculty advisor prior to scheduling their junior and senior courses. They should bear in mind that, ordinarily, odd-numbered courses are scheduled for the first semester and even-numbered courses for the second.

COURSES IN PHILOSOPHY

12. Sources in Western Philosophy	3 hours
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This first required course in philosophy presents the student to some of the issues of philosophy by a study of the writings of the early great minds of the West.

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21. **Philosophy of Man.** **3 hours**

This second required course in philosophy attempts to describe and analyze the complex nature of man, a physical being with intelligence and freedom.

31. **Metaphysics** **3 hours**

This third required course in philosophy is a description of some of the most general features of being, viewed both as existing and causing, in order to determine their significance for the human person.

32. **Natural Theology** **3 hours**

The study of the evidence offered for the existence of God in order to determine its presuppositions and possible relevance to Christian apologetics.

Prerequisite: Philosophy 31.

33. **Philosophy and Science** **3 hours**

A study of the complex relations existing between world-views arising from pre-scientific and post-scientific modes of thought about physical reality.

36. **Ethics** **3 hours**

A study of the subjective and objective principles of moral value present in personal decision.

38. **Epistemology** **3 hours**

A study of knowledge in its metaphysical relations: a consideration of being as intelligible and of intellect as related to being.

41. **Greek Philosophy** **3 hours**

An historical presentation of the themes of early Greek thought with special emphasis on their systematization in Plato and Aristotle.

42. **Medieval Philosophy** **3 hours**

An historical study of the confrontation of Greek philosophy and the Christian faith with special emphasis on Augustine, Anselm, Bonaventure, Aquinas, and Scotus.

43. **Modern European Philosophy** **3 hours**

An historical account of the principal philosophic attitudes subsequent to the breakdown of scholastic Aristotelianism. Special emphasis is placed upon the influence of Descartes, Hume, Kant, and Hegel.

44. **Contemporary Philosophy** **3 hours**

A critical attempt to determine the themes and principal figures of philosophy in the last hundred years.

45. Theory of Logic 3 hours

A study of the principles exhibited in the construction of various logics in order to compare and contrast traditional logic with modern logic.

46. Great Issues in Philosophy 3 hours

An advanced study of themes or persons permanently affecting the direction of philosophic thought.

51. Honors Seminar in Philosophy 3 hours

In addition to personal direction of a research paper, the student is introduced to general philosophical bibliography through lectures by the staff.

DEPARTMENT OF PHYSICAL EDUCATION

The Department of Physical Education is designed to offer the student a knowledge of physical education in its theoretical and practical phases. Courses in the history and principles of physical education present the background upon which the profession developed and the standards which must be maintained. Other courses are offered to acquaint the student with the professional skills, techniques, and competencies that will be needed in the exercise of teaching and/or coaching duties.

Physical education majors are prepared to enter the coaching field, the teaching of health and physical education or to work in recreational activities and centers.

Students who plan to qualify for the teacher's certificate in Health and Physical Education should consult the Director of Student Teaching.

Departmental Requirements.

1. There are no lower level prerequisites for upper level courses in physical education.

2. The requirements for a **major** sequence in physical education comprise twenty-four hours in upper level courses, including the following: Physical Education 34, 35 (or Education 37, 46). The requirements for a teaching area minor are 24 hours. Courses taken to fulfill this minor must be in accordance with requirements for teacher certification.

3. Majors in Physical Education satisfy their general education requirements in Science by a sequence consisting of Biology 11 and 22 or Biology 12 and 22.

4. All Physical Education majors are required to fulfill the requirements for the licensing of teachers.

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Participation Requirements.

1. All Physical Education majors must earn a total of **12 points** for graduation.
2. These points may be accumulated through varsity participation, or as a student manager, student trainer, or intramural assistant.
3. The point value would be as follows: 2 for participation in a varsity sport; 4 for lettering in a varsity sport; 3 for each sport season's work as a trainer, manager, or intramural assistant; 5 for being a student coach in a sport.
4. Any student entering Saint Joseph's from a junior college or transferring here from another institution, will be given equivalent credit for his previous participation.
5. Freshmen participation in the intercollegiate program will not count toward this graduation requirement.

Suggested Program.

1. On the lower level students majoring in physical education take Program II. Electives recommended in the freshman year are: Physical Education 11, 16, 25.
2. Electives recommended for the sophomore year are the following: Biology 11, 22; Education 30, 31; Physical Education 22, 26.
3. On the upper level, students should see their faculty advisor prior to scheduling their junior and senior courses. They should bear in mind that, ordinarily, odd-numbered courses are scheduled for the first semester and even-numbered courses for the second.

COURSES IN PHYSICAL EDUCATION

11. History and Principles of Physical Education	3 hours
A basic course presenting a critical evaluation of social, economic, and political forces associated with the development of physical education throughout its history, and secondly, introducing the student to the fundamental facts and principles associated with Motivation, Program, Instruction, Supervision, Administration, and Evaluation in the field of physical education.	
16. First Aid and Safety Education	2 hours
A consideration of the essential elements in the theory and practice of safety in the school, in the home, in occupational activities and on the highway. Instruction in the administration of first aid and civil defense.	

22. Gymnastics and Rhythmic Exercises 2 hours

Elements of individual and natural gymnastics; corrective exercises, calisthenics, class drill, tumbling and apparatus; fundamentals of rhythm as applied to games, plays, and songs. Two lectures and one laboratory period per week.

25. Personal and Community Health 3 hours

Personal health and the prevention of disease in the family and community; relation of sanitation and disease control to community health; communicable diseases. Three lecture periods each week.

27-28. Techniques of Minor Sports 4 hours

The first semester will present an analysis of the sports of Archery, Bowling, Golf, Isometric Conditioning, Soccer, Table Tennis, Tennis, and Wrestling. The second semester will present an analysis of the sports of Angling, Badminton, Handball, Riflery, Softball, Speedball, Volleyball and Weightlifting. Particular emphasis is given to teaching techniques, the selection and care of equipment, knowledge of rules, and instruction in the fundamentals of the activities.

30. Public Recreation and Camp Activities 3 hours

Theory and practice of playground supervision and camp leadership. Techniques proper to arts and crafts, aquatics, outdoor recreational activities, nature study, and special programs are included. Observation of camp facilities and recreational programs.

32. Coaching of Baseball 2 hours

Theory and principle of the fundamentals of baseball. A study of the history, rules, strategy, organization of practice, individual and team conditioning, administration of program and officiating. Two lectures and one laboratory period per week. (Juniors and Seniors only).

34. Kinesiology 3 hours

A study of the origin, insertion, and action of the muscles in the human body as they relate to skeletal movement in sport skills.

35. Measurements in Health and Physical Education 3 hours

A study of measurement and evaluation as applied to health, physical education, and recreation. Principles of test construction, types and characteristics of individual and group tests, application of such tests to school problems, and evaluation of results. A study of statistics as they apply to evaluation of results of measurement.

38. Principles and Techniques of Physical Therapy 2 hours

This course is designed to study the various special fields of physical rehabilitation with special emphasis upon the use of such

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agents as exercise, massage, heat, water, electricity and various forms of radiation. The course emphasizes the correct use of personal and field equipment, support procedures and therapeutic aids. Laboratory work includes practical techniques in the clinical use of supporting apparatus and physiotherapy. Two lectures; one laboratory period per week.

41. Activities for Elementary Grades 2 hours

An analysis of dramatic play, games, rhythms, self-testing activities, playground procedures, and safety measures used in a modern program in the area. Principles of selection and evaluation of activities and teaching methods are developed.

(Open to freshmen and sophomores.)

42. Coaching of Track and Field Events 2 hours

Theories and principles of the fundamentals involved in track and field events. A study of the rules, history, organization of practice, individual and team conditioning, administration of program, facility layout, program of maintenance, and officiating. Two lectures and one laboratory period each week. (Juniors and Seniors only).

43. Coaching of Football 3 hours

Theory and practice of the fundamentals of football. A study of the history, rules, strategy, styles of attack and defense, organization of practice, individual and team conditioning, officiating and other coaching problems involved in this sport. Three lectures and one laboratory period per week. (Juniors and Seniors only).

45. Organization and Administration of Health Education 3 hours

The principles, materials and problems of health education. Relation of the school health program to other agencies. Instruction in the proper use of federal, state, and commercial publications and aids to health education. A study of health, examination, reports, remedial measures, and state health regulations.

46. The Organization and Administration of the Physical Education Program 3 hours

A study of the foundations and principles of program, of instruction and supervision. Included is a study of the National Association of State High School Athletic Associations with an emphasis upon rules of eligibility. Consideration is given to the grouping of students, records of participation and progress, management of facilities, finance, and public relations.

48. Coaching of Basketball 3 hours

Theory and practice of the fundamentals of basketball. A study of the history, rules, strategy, styles of play, organization of prac-

tice, individual and team conditioning, officiating and other coaching problems connected with this sport. Three lectures and one laboratory period per week. (Juniors and Seniors only).

50. Pro Seminar **3 hours**

An introduction, by means of directed reading and individual projects, to the research methods applied to Health, Physical Education, and Recreation. A series of lectures, discussions and critiques on physical education and related areas.

51. Honors Seminar in Physical Education **3 hours**

DEPARTMENT OF PHYSICS

The courses in the Department of Physics are designed: 1. To impart an understanding of basic principles and through classroom discussion and supervised laboratory work to inculcate the habit of precise observation of phenomena. 2. To prepare the student for the teaching of physics in secondary schools.

Laboratory fees: Physics 21, 22, 24, 25, and 26, each \$10.00. Physics 31 and 46, each \$15.00.

Departmental Requirements.

1. Physics 21-22 or 24-25-26 are prerequisites for all upper level courses in physics.

2. No major sequence is offered in physics. (For group major in Mathematics-Physics see the Department of Mathematics.) The requirements for a minor sequence in physics are twelve hours in upper level courses including Physics 31 and 41 or 42.

COURSES IN PHYSICS

21-22. College Physics **8 hours**

A course introducing the student to the fundamental principles of mechanics, heat, sound, light, and electricity. Three lectures and one three-hour laboratory period each week.

Prerequisites: Mathematics 11, 12.

24. Mechanics, Thermometry **4 hours**

This course is directed toward equipping the student with the scientific approach and knowledge of fundamental laws in Physics, which in turn are needed for his further development and research in this science, and for building a strong foundation for engineering. In particular, it deals with the basic concepts and laws of vectors, equilibrium, rectilinear and rotational motion, Newton's laws, work

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and energy, impulse and momentum, elasticity, harmonic motion, hydrostatics, hydrodynamics, temperature, quantity of heat and transfer of heat. Three lectures and one three-hour laboratory period each week.

Prerequisite: Mathematics 11 and 12.

25. Thermodynamics: Sound, Light 4 hours

This course is a continuation of Physics 24. It deals with the first and second laws of thermo-dynamics, thermal properties of solids, liquids, and gases; wave motion, vibrating bodies, acoustical phenomena; nature and propagation of light; reflection and refraction, and polarization. Three lectures and one three-hour laboratory period each week.

Prerequisite: Physics 24 and Mathematics 13.

26. Electricity and Laws of Atomic Structure 4 hours

This course is a continuation of Physics 25, and covers the fundamentals of the electric field, potential capacitance, DC circuits, electrochemistry and thermoelectricity; the magnetic field, DC instruments, induced electromotive force; inductance and capacitance; alternating currents, electronics; optical spectra and atomic structure; and nuclear reactions. Three lectures and one three-hour laboratory period each week.

Prerequisites: Physics 25 and Mathematics 13 and 14.

31. Electric and Magnetic Circuits 3 hours

Measurements of resistance, electromotive force, potentials, current, self and mutual induction, magnetic fields, Ohm's law, Kirchhoff's law, networks, bridge, ballistic galvanometer. Two lectures and one three-hour laboratory period each week.

Prerequisite: Physics 24-25-26.

41-42. Modern Physics 6 hours

A two-semester course in general physics with emphasis on recent developments, wave motion, electromagnetic radiation, kinetic theory of gases, specific heats and heat of radiation, photoelectric effect, x-rays, Bohr theory of spectra, quantum mechanics, nuclear physics, cosmic rays, and relativity. Three lectures each week.

Prerequisites: Physics 21-22 and Mathematics 11, 12, 13, 14.

43. Statics 3 hours

This course treats the fundamental principles of statics; forces, movements of force, couples, systems of force, addition and subtraction of forces, equilibrium of systems, stresses and strains, moments of inertia. Three lectures each week.

Prerequisite: Physics 24-25-26.

44. Dynamics **3 hours**

A lecture course dealing with rectilinear and curvilinear translation, rotation, plane motion, motion of particles and systems of particles, force, mass and acceleration, work and energy, impulse and momentum and periodic motion.

Prerequisites: Physics 24-25-26.

46. Electronics **3 hours**

A study of the principles of the vacuum tube and the transistor and their functions in electronic circuits. Two lectures and one three-hour laboratory period each week.

Prerequisites: Physics 21-22 or 24-25-26.

51. Honors Seminar in Physics **3 hours**

DEPARTMENT OF POLITICAL SCIENCE

The Political Science program provides the student with an opportunity to gain an understanding of the role of government in modern society. An acquaintance with basic problems posed both by and for modern government is indispensable to a liberal arts education and is a prerequisite for responsible professional and civic judgment today.

Political Science is a tried preparation for law, journalism and practical political participation. At the graduate level it is also a recognized profession for government career administration or research and high school or college teaching.

Departmental Requirements.

1. There are no lower level **prerequisites** for upper level courses in political science.

2. The requirements for a **major** sequence in political science are twenty-four hours in upper level courses, including the following: Political Science 35 (unless the student has taken Political Science 22), 41 and 42. The requirements for a **minor** sequence are any twelve hours in upper level courses.

Suggested Program.

1. On the lower level students majoring in political science take Program II. Electives recommended in the freshman year are an additional two-hour course in science the first semester, Political Science 21, 22 or a foreign language.

2. Electives recommended for the sophomore year are the following: History 23-24, Economics 21-22, a foreign language.

3. History 37, 38, 41 and 42 may be counted towards the twenty-four hours required for a major in Political Science.

COURSES IN POLITICAL SCIENCE

21. Introduction to Political Science **3 hours**

Introduction to the basic concepts used in political analysis, with detailed attention given to the constitutional democratic state and the communist regime of the Soviet Union as alternative systems for governing modern societies. Modern political ideologies — liberalism, conservatism, socialism, and fascism — are also analyzed and evaluated.

22. American Government **3 hours**

A study of the formal and informal institutions of American national government and politics: The Constitution, the Presidency, Congress, the federal court system, political parties, pressure groups, public opinion, recent foreign policy, the federal bureaucracy, voting behavior. Attention is also given to current problems and issues.

33. Political Parties and Pressure Groups **3 hours**

The democratic process in the U.S. is studied as a function of the two major parties and the major economic and social pressure groups.

34. Comparative Government **3 hours**

The constitutional forms and methods utilized by four major foreign powers — Great Britain, France, Germany, and the U.S.S.R. Their elements of strength and weakness are compared with the U.S. system.

35. Constitutional Law — The Bill of Rights **3 hours**

An examination of Supreme Court decisions concerned with the definition of American rights in the areas of freedom of speech, press, assembly, association, and religion; church-state relations; racial discrimination; political radicalism and subversion; procedures in criminal prosecutions; military tribunals. Recommended for the prospective law student.

36. Constitutional Law — the American Community **3 hours**

An examination of Supreme Court decisions concerned with the separation of powers, federalism, the regulation of commerce, contracts, taxing and spending, and the state police power, including some of the legal problems of urban redevelopment. Recommended for the prospective law student.

40. Public Finance 3 hours

A study of the principles of finance in government. Topics to be considered include public revenues and expenditures, taxation, public debt, government budgeting and fiscal policy. (Same as Economics 40.)

41. Ancient and Medieval Political Philosophy 3 hours

An introduction to the perennial problems of social life; justice, law, the common good, as evaluated by Plato, Aristotle, St. Thomas Aquinas and others.

42. Modern Political Philosophy 3 hours

A history of later political thought as represented in the currents of rationalism, positivism, the American founding fathers and Christian pluralists.

43. International Law and Organization 3 hours

An exploration of the possibilities of control of international conflicts through law and organizations. Analysis of prerequisites for political integration of the world. Evolution of international law. The League of Nations and the United Nations. Regional associations as possible transitional forms to supranational organizations. Disarmament.

44. International Relations 3 hours

An examination of the twentieth-century context of international relations: nationalism, imperialism, power politics, the evolution of supranational forms of political organizations, and the foreign policies of the major powers. (May be counted towards a major in History.)

45. American Political Thought 3 hours

The major sources of the American intellectual tradition in politics, including the Puritans, Jefferson, the Federalist papers, Hamilton, Lincoln, the New Nationalism philosophy of Theodore Roosevelt, the New Freedom philosophy of Woodrow Wilson, and the New Deal philosophy of Franklin Roosevelt.

50. Seminar in Political Science 3 hours

Close examination of some significant contemporary political problem. The topic varies from year to year, but in every case the emphasis is upon independent research in depth and under supervision as the basis for individual contributions made by the students in the context of a seminar.

51. Honors Seminar in Political Science 3 hours

DEPARTMENT OF PSYCHOLOGY

The Department of Psychology strives in its course offerings to awaken the student to a study of himself and other animate beings. Psychology studies how people perceive and think and learn, and why they act as they do. It is the science that studies the behavior of men and other animals.

A further purpose of the Department is to qualify the student for entrance into graduate schools of psychology, social work, sociology, and other related fields.

Departmental Requirements.

1. There are no lower level prerequisites for upper level courses in psychology.
2. The requirements for a major in psychology are twenty-four hours in upper level courses, to include Psychology 32, 38, and 40. The requirements for a minor sequence in psychology are any twelve hours in upper level courses.
3. Six hours in upper level courses in Psychology may be counted toward a major in Sociology. Six hours in upper level Sociology courses may be counted toward a major in Psychology. Either program would be a good preparation for graduate school in Social Psychology and Social Work.

Suggested Program.

1. Highly recommended for all students, and required of those who seek a departmental recommendation for graduate school in psychology are Biology 11 and 12 (or 22) and Mathematics 11 and 12.
2. Students wishing to take courses in Sociology as a part of their Psychology program are urged to consider Sociology 33, 41, 45 and 46.

COURSES IN PSYCHOLOGY**10. General Psychology 3 hours**

This course provides a general survey of the whole field of Psychology. Fundamental concepts of physiological, experimental, motivational, analytical, and abnormal, as well as of psychological testing and the psychology of learning are discussed.

21. Philosophical Psychology 3 hours

The Thomistic study of man's composite nature, of the principles of sensory and intellectual knowledge and desire, and of the spirituality, origin, and immortality of soul, with an emphasis on the unity of human person.

30. Social and Cultural Anthropology (Soc. 30) 3 hours

32. Experimental Psychology 4 hours

This course concerns itself with the way the body reacts to different situations. The functioning of the external and internal senses, sense learning and the various physical drives which constitute a part of human motivation are treated in detail. In the laboratory special emphasis is placed on the methods for studying these functions.

(Prerequisite: Psychology 38).

33. History of Psychology 3 hours

A survey of psychology against a background of modern and contemporary philosophy. The course comprises perspectives on the beginnings of psychology in Germany and France, the experimentalists in America, psychology of the subject, psychology of the subconscious, Gestalt psychology and phenomenological psychology with some consideration of the existential analysis.

34. Theories of Personality 3 hours

The contributions of Freud, Jung, Adler, Allers, Fromm, Murray, Rogers, and others are discussed in detail. Particular emphasis is placed upon application of these theories to the normal person as an aid to better self-knowledge and self-realization.

35. The Individual and Society; Social Psychology 3 hours

This course concerns itself with the effects of interactions on the individual. The material will be reviewed from an interactionist framework, with the contention that human behavior and social order are products of communication. (Soc. 32)

37. Measurement and Evaluation in Psychology and Education (Education 37.) 2 hours

38. Elementary Statistics (Economics 38.) 3 hours

39. Counseling and Guidance (Education 39.) 2 hours

40. Abnormal Psychology 3 hours

The dynamics of abnormal behavior are studied as the basis for detailed consideration of the neurotic personality, psychosomatic disorders, and behavior deviations. Further topics include the effects of brain injuries and the major psychoses, especially schizophrenics. Considerable attention is given to the theories and methods of psychotherapy.

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40.1 Abnormal Psychology Practicum I. 1 hour

Weekly two hour sessions at Dr. Norman M. Beatty Memorial Hospital, Westville, Indiana, working with the psychiatric patients under supervision of the professional staff.

(Prerequisite: Psych 40. They may be taken together.)

40.2 Abnormal Psychology Practicum II. 1 hour

A continuation of Psychology 40.1 with more specific emphasis in a professional area. These areas include psychiatry, psychology, social work, nursing, occupational therapy, and recreational therapy.

41. Child Psychology (Education 41) 2 hours

42. Psychology of Adolescence (Education 42) 3 hours

A study of nature of adolescents with special references to their physical, mental, emotional, social, moral and religious problems and development.

43. Personality Problems and Mental Health 3 hours

A study of the psychological evidence upon which the point of view, principles, and techniques of mental hygiene are based; particular application to the individual as an aid to increased self-knowledge and self-realization.

THE DEPARTMENT OF SOCIOLOGY

The Department of Sociology offers both a major and a minor sequence each intended to train the student in scientific attitudes toward human behavior and social interaction, but allowing for differences in both academic and professional goals. Lectures, exercises and projects are designed to observe and analyze social realities rather than to evaluate or control them.

Majors in Sociology have found such training widely welcomed in applicants to graduate school, schools of law, social work, teaching and business, as well as the related Social Science advanced degrees. Majors and minors find it an aid in entering industrial and personnel management in-training programs, community and industrial counseling organizations, and many other types of careers where social science awareness is important.

Departmental Requirements.

1. Sociology 21 is a prerequisite for upper level courses in Sociology.

2. The requirements for a major sequence in sociology are twenty four honors in upper level courses, including Sociology 31, 38, and

43. Highly recommended for those students who contemplate graduate work are twelve hours in a foreign language.

3. Six hours in upper level courses in Psychology may be counted toward a major in Sociology. Six hours in upper level Sociology courses may be counted toward a major in Psychology. Either Program would be a good preparation for graduate school in Social Psychology and Social Work.

Suggested Program.

1. On the lower level students majoring in sociology take Program II. Electives recommended in the freshman year are the introductory courses in a foreign language.

2. Prerequisites and electives to be taken in the sophomore year include: Sociology 21, Mathematics 11-12, continuation of courses in a foreign language.

3. On the upper level, students should see their faculty advisor prior to scheduling their junior and senior courses. They should bear in mind that, ordinarily, odd-numbered courses are scheduled for the first semester and even-numbered courses for the second.

COURSES IN SOCIOLOGY

21. General Sociology 3 hours

An introduction to the conceptual framework of Sociology and the Scientific approach to social phenomena.

30. Social and Cultural Anthropology 3 hours

An introduction to the science of man, with emphasis placed upon the concept, culture. Through an analysis of culture, anthropology hopes to solve the mysteries of the relations of man to man.

31. Research Methods 3 hours

Empirical analysis and scientific method in the study of human behavior. Principal source of data. Questionnaires and interviewing. Scale analysis. Elements of tabulation and graphing. Elementary statistical procedures.

32. The Individual and Society 3 hours

This course concerns itself with the effects of interaction on the individual. The material will be reviewed from an interactionist framework, with the contention that human behavior and social order are products of communication.

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33. Family Sociology 3 hours
An analysis of the family from an institutional and structural framework. Emphasis will be placed on a review of past and current research.

34. The Urban Community 3 hours
The human being in the complexity of the modern city. Community and association ties. Theories of urban growth and development.

35. Sociology of Education 3 hours
The school and society. The school as a social system. Details of current research. (Same as Education 44).

36. Industrial Sociology 3 hours
Industrial organization as a social system. Human values and productivity.

38. Elementary Statistics 3 hours
An introduction to the fundamentals of modern statistics. Topics to be considered include the following: descriptive statistics, frequency distributions, measures of location, measures of variation, probability and decision-making, problems of estimation and tests of hypotheses, linear regression, correlation, and time series analysis. Emphasis on the interpretation and use of statistical analysis in the social sciences. (Same as Economics 38).

41. Social Stratification 3 hours
The literature of social class and stratification. Principal methodological problems. Current interests in social class analysis. Field problems.

42. Complex Organizational Theory 3 hours
A review of the theories of large scale organizations with particular emphasis on the theories of bureaucracy and other sociological theories.

43. Introduction to Sociology Theory 3 hours
A review of the variety of theories and the assumptions behind them in the origin and development of sociological analysis during the past one hundred years. Special effort is made to develop research designs from the best theories of the past.

45. American Minorities 3 hours
Major institutional forms of minority groups in American Society. Research concerning the causes of prejudice and discrimination.

46. Criminology	3 hours
Crime as a social phenomenon. The incidence, distribution and etiology of criminal behavior. Types of criminals. Changing beliefs and practices in dealing with the criminal.	
49. Pro-Seminar: Sociological Research Design	3 hours
50. Pro-Seminar: The Individual and the Group	3 hours
51. Honors Seminar	3 hours

DEPARTMENT OF SPEECH

The Speech Department has as its aim the following goals: 1. to instill an understanding and appreciation of oral rhetoric and its function in a liberal education; 2. to develop the student's resources, ability, and facility for the spoken communication of thought and emotion; 3. to prepare students for graduate study in speech; 4. to foster an appreciation of theatre in our culture.

Departmental Requirements.

1. Speech 15 is a **prerequisite** for all upper-level courses.
2. The requirements for a **major** sequence in speech are twenty-four hours in upper-level courses so distributed as to include 9 hours in General Survey, 9 hours in Public Address and 6 hours in Theatre. The major in speech is further required to show credit on the lower level in Speech 23 and 24. The requirements for a **minor** in speech are any twelve hours in upper-level courses. The department urges those who intend solely to minor in speech to select courses designed to complement their major programs study.

Suggested Program.

1. On the lower level students majoring in speech take Program II. Prerequisites and electives recommended in the freshman year are the following: Speech 15, 16.
2. Prerequisites and electives to be taken in the sophomore year include: Speech 23, 24; a foreign language, or other suitable courses.
3. On the upper level, students should see their faculty advisor prior to scheduling their junior and senior courses. They should bear in mind that, ordinarily, odd-numbered courses are scheduled for the first semester and even-numbered courses for the second.

138 SAINT JOSEPH'S COLLEGE**COURSES IN SPEECH****15. Fundamentals of Speech 2 hours**

The basic course for all students. History of speech education, overcoming stage fright, bodily action and gesture, language for speaking, outlining, types and modes of public address, voice, articulation, and pronunciation, survey of areas in the field of speech. Each student shall deliver between five and eight speeches during the semester.

16. Physical Bases of Speech 2 hours

Emphasis placed on achieving acceptable and pleasing voice and articulation. Content shall include: physical bases of speech, group reading, individual work, drills and exercises.

23. Forensic Laboratory 1 hour

Applied practice in argumentation. Practice in formal and contest debating. Required of all speech majors.

24. Radio and Theatre Laboratory 1 hour

Applied practice in theatre. Participation in all phases of theatre activity and performance. Required of all speech majors.

30. Advanced Speech 2 hours

Application in composition and delivery of the principles underlying all forms of speech. Practice in speaking on subjects of current interest and the student's choice.

31. Group Discussion 3 hours

The content and methodology of participation and leadership in group problem-solving activities.

32. Play Production 3 hours

A study and application of the technical aspects of play production as they relate to the theatre. Practice in making a prompt book, stage lighting, scene design, set construction, and costuming. Participation in student productions is required.

34. Oral Interpretation of Literature 3 hours

The development of the student's abilities in reading aloud through exercises in the analysis and communication of the logical content of the printed page. Special attention will be given to a study of literature, prose and poetry, as they affect the understanding and performance of the oral interpreter.

35. Oral Interpretation of the Modern Drama 3 hours

A study of the forms and content of the modern drama (Ibsen to the present day) as they affect the understanding and performance of the oral interpreter.

36. Theatre History I 3 hours

A study of theatre practices and development from the Greeks to 1500. Special attention placed upon the emergence of drama as a distinct artistict form.

37. Theatre History II 3 hours

A continuation of Speech 36 from 1500 to the twentieth century.

38. Acting 3 hours

A basic course for the beginning actor. Emphasis placed on body movement, use of the voice, stage directions, characterization, dramatization, emotional recall and vocal interpretation of the play script. The student will present scenes and short acts in class for critical purposes. Opportunity for participation in college productions.

40. Persuasion 3 hours

Critical evaluation of the major principles and techniques of persuasion as they relate to public address and informal discussion.

41-42. Shakespeare 6 hours

See English 31-32.

43. Elements of Speech Improvement 3 hours

Diagnosing simple speech defects and disorders, nasality, lisping, omissions, additions, substitutions, inversions. Theory of improving simple defects and disorders.

45. Basic Radio and Television Theory 3 hours

Study of, and practical work in, the presentation of radio programming. Opportunity for visiting television stations offered. Special emphasis placed on the various aspects of this communication form: programming, script-preparation, dramatic presentation, news, public events, and floor work. Required preparation of short, tape-recorded programs.

46. The Drama 3 hours

See English 46.

DEPARTMENT OF THEOLOGY

The meaningful communication of revealed truth constitutes the ultimate reason for the existence of a specifically Catholic College, and in this communication the Theology Department plays an indispensable role. The Department of Theology, therefore, proposes the following as its principal aims: 1. to so introduce the student to revealed truth that it is embraced not simply as a body of truth but as a personal summons; 2. to develop in the student an appreciation of the permanence and relevance of divine truth; 3. to acquaint the student with the various areas of theological thought in their present stage of development.

In view of the new awareness of the role of the layman, the Department offers a major in theology to the student who looks forward to a more active participation in the various forms of the apostolate, such as in particular the Confraternity of Christian Doctrine, or who desire to pursue graduate study in theology.

Departmental Requirements.

1. All Catholic students fulfill their theology requirements with Theology 19 and 20, and the two upper-level courses, one from the area of Dogmatic Theology or the Theology of Community, and one from the area of Moral Theology.

2. The Bible and the Documents of Vatican II are required as basic texts for all the theology courses.

3. Theology 19 and 20 are prerequisites for all upper-level courses in theology.

4. Requirements for a major in theology are 24 hours in upper-level courses in theology so selected as to include Theology 31 and 32, and at least one course from each of the following areas: Dogmatic Theology, Theology of Community and Moral Theology. Requirements for a minor sequence in theology are any 12 hours in upper-level courses in theology so selected as to include one course from the area of Biblical Theology, Dogmatic Theology, or the Theology of Community, and one course from the area of Moral Theology.

COURSES IN THEOLOGY

19. The Old Testament	3 hours
A reading course in Old Testament literature.	
20. The New Testament	3 hours
A reading course in New Testament literature.	

AREA OF BIBLICAL THEOLOGY**31. The Old Testament 3 hours**

God's initial entrance into history by word and event. This course studies representative books of the Old Testament against the background of contemporary civilization, considering God's providential preparation for the coming of the Word.

32. The New Testament 3 hours

God's definite entrance into history in his Word. This course studies selected books of the New Testament, against the geographic, historical and literary backgrounds of contemporary civilizations, developing principal themes of divine revelation made known in Christ.

AREA OF THEOLOGY OF COMMUNITY**33. The Christian Layman 3 hours**

After an historical study of the Christian life as lived by the layman, this course studies the theological foundations and concrete applications of the life of the layman in the areas of technology, marriage and politics.

34. The Sacramental Church 3 hours

The Church continuously makes present God's salvific word and work. This course studies the Church, the primordial sacrament, as the human prolongation of the redemptive activity of Christ.

AREA OF DOGMATIC THEOLOGY**41. God and Creation 3 hours**

This course studies God's self-manifestation in the history of salvation, as contained in the Old and New Testament, and proclaimed in and through the living magisterium of the Church. Emphasis is given to current questions about God and the God-world relationship.

45. Contemporary Questions in Dogma 3 hours

This course investigates, at a deeper level than is possible in a more general course, some of those questions that are of predominant interest in current theological discussion.

AREA OF MORAL THEOLOGY**44. Christian Morality 3 hours**

Through class discussion this course acquaints the student with some of the contemporary moral problems of the day, and the principles underlying their solution.

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48. Social Theology I 3 hours

This course aims to set forth the teaching of the Church in matters pertaining to business and economics. It is problem orientated. The content of the social encyclicals and other recent papal documents and conciliar statements is emphasized and applied to current socioeconomic questions.

49. Social Theology II (Same as Economics 49) 3 hours

This course aims to set forth the teaching of the Church in matters pertaining to political and sociological questions. It is problem orientated. The content of the social encyclicals, recent papal pronouncements, conciliar statements and current theological thought is emphasized and applied to current questions in the areas.

THEOLOGY SEMINAR (for Majors only)

46. Theology Seminar 3 hours

This course will be taught by three members of the Department. A particular question or theme in theology will be followed through and developed in the three periods of patristic, scholastic and contemporary theological thought.

APPENDIX I

REGISTER OF STUDENTS — 1966 - 1967

ABBOTT, Loretta	Monticello, Indiana
ABBOTT, Walter F.	Dearborn, Michigan
ABELL, Mark F.	Mt. Vernon, Ohio
ABRIANI, Richard C.	Clinton, Indiana
ACKNER, James L.	Flushing, L. I., New York
ACTON, Delores	Remington, Indiana
AGNONE, Peter M.	Grosse Pt. Park, Mich.
AHR, James R.	Cincinnati, Ohio
ALDERSON, John R.	Pearl City, Hawaii
ALDRICH, Stephen C.	Philadelphia, Pennsylvania
ALLEGRETTI, Andrew	Watseka, Illinois
ALLYGER, William C.	Piqua, Ohio
AMES, Mary L.	Rensselaer, Indiana
ANDERSON, Daniel	Racine, Wisconsin
ANDERSON, David L.	Rensselaer, Indiana
ANDERSON, Judith D.	Rensselaer, Indiana
ANDERSON, Richard J.	De Kalb, Illinois
ANDRASEK, Timothy	Chicago, Illinois
ANDREWS, Anthony, Jr.	Worcester, Massachusetts
ANDRYSHAK, Eugene M.	Morris Plains, New Jersey
ANGELOPOULOS, Peter	Norridge, Illinois
APICE, John M.	Providence, Rhode Island
ARCATA, Joseph J., Jr.	West Hartford, Connecticut
ARENZ, Jerome R.	Streator, Illinois
ARNOLD, William M.	Bristol, Indiana
ASH, Calvin P.	Washington, D.C.
ATKINSON, Cornel D.	Gas City, Indiana
ATKINSON, Jon Gary	Gas City, Indiana
AUGUST, William E.	Chicago, Illinois
AUGUSTYN, Thaddeus	Chicago, Illinois
AUSTIN, Paul F.	Belchertown, Massachusetts
BABIASZ, James C.	Milwaukee, Wisconsin
BADKE, Bernard, Jr.	Chicago, Illinois
BAIRD, Blake D.	Greenhills, Ohio
BAKOS, Stephen P.	Owosso, Michigan
BALISTRIERI, John J.	Milwaukee, Wisconsin
BALKE, Michaleen F.	Lake Village, Indiana
BALLMANN, James F.	Dayton, Ohio
BANKS, Kenneth	Brook, Indiana
BAPTIES, Paul, Jr.	Crete, Illinois
BARA, Robert L.	Chicago, Illinois
BARKLEY, John C., Jr.	Marion, Ohio
BARR, Raymond R.	Eldorado, Illinois
BARRETT, Frank J.	South Bend, Indiana
BARRIENTOS, Paul A.	Ferguson, Missouri
BARTHOLD, John E.	Jeffersonville, Indiana
BARTKUS, Thomas E.	Evergreen Park, Illinois
BARTON, Edward B.	Marion, Indiana
BARTOS, John D.	Gary, Indiana
BASILE, Benjamin	Moorestown, New Jersey

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BATCHELLOR, Gary F.	Stafford, New York
BAUM, John C.	Brightwaters, New York
BAUM, Michael J.	Amelia, Ohio
BAUMANN, Roy A.	Plymouth, Indiana
BAZNER, Michael L.	Detroit, Michigan
BEAKAS, George J.	Toledo, Ohio
BEAUPRE, Theodore	Kankakee, Illinois
BEAUPRE, Thomas J.	Kankakee, Illinois
BEAVEN, Thomas J.	Skokie, Illinois
BEGO, Anthony V.	New York, New York
BEIER, James L.	Clyde, Ohio
BELMONT, Dennis E.	Detroit, Michigan
BENDER, James F.	St. Joseph, Michigan
BENNING, Edward	Boonton, New Jersey
BENNIS, Terrence W.	LaPorte, Indiana
BERKI, Donald S.	Chicago, Illinois
BERLIER, James J.	Indianapolis, Indiana
BERNAL, Albert	Silver Springs, Maryland
BERNAZZOLI, John M.	Bairview Park, Ohio
BERNER, Gerald R.	Tinley Park, Illinois
BERNIER, Lloyd J.	Chicago, Illinois
BERTRAND, John C.	Syracuse, New York
BIDDLE, Martha	Remington, Indiana
BIENIASZ, Martin J.	Jersey City, New Jersey
BIERLEY, Michael	Rochester, New York
BIERNAT, Ronald W.	Chicago, Illinois
BIRNIE, Timothy C.	Rome, New York
BIROS, William E.	Chicago, Illinois
BIRT, Edward L.	Michigan City, Indiana
BISHOPP, Virginia	Sheldon, Illinois
BISSONNETTE, Catherine L.	Wolcott, Indiana
BLACKMORE, John G.	Chicago, Illinois
BLACKNEY, George G.	Flint, Michigan
BLACKWOOD, Dennis M.	Richmond, Indiana
BLAHA, Joseph R.	Chicago, Illinois
BLAKE, Robert J.	Mansfield, Ohio
BLAKE, Terrence	Chicago, Illinois
BLOCK, John G.	Skokie, Illinois
BLOOD, Thomas A.	Hebron, Indiana
BOBKA, Frederic R.	Chicago, Illinois
BODEN, Terry G.	Dearborn, Michigan
BOHLIN, Bruce G.	Chicago, Illinois
BOJARA, Daniel J.	Hilton, New York
BOLAND, Michael	Oak Park, Illinois
BOLING, Gerald E.	Kokomo, Indiana
BOLGER, Richard B.	Lombard, Illinois
BOLINGER, William E.	Decatur, Indiana
BOLL, William J.	North Olmsted, Ohio
BOLLENDORF, Robert F.	Lansing, Illinois
BOLTER, George	Hackensack, New Jersey
BORER, David J.	Toledo, Ohio
BORGERT, Douglas	Dayton, Ohio
BORNHEIMER, John E.	Milwaukee, Wisconsin
BORNHORST, Michael E.	Stoney, Ohio
BOTTGET, Philip, Jr.	Chicago, Illinois
BOWEN, Edward C.	Whiting, Indiana
BOWMAN, Craig	Remington, Indiana

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BOWMAN, Henry, Jr.	St. Joseph, Michigan
BOWSER, Patricia	Monticello, Indiana
BOYLE, John	Manac, Indiana
BRABAND, Vincent, Jr.	Evanston, Illinois
BRADFORD, Raymond V.	Bensenville, Indiana
BRADY, John D., Jr.	Marion, Ohio
BRAUN, William J.	Park Ridge, Illinois
BREEN, Richard N.	Chicago, Illinois
BREESE, John K., Jr.	New Rochelle, New York
BRENNAN, Francis P.	Chicago, Illinois
BRENNAN, Lawrence A.	Drexel Hills, Pennsylvania
BRESNAHAN, Robert M.	Chicago, Illinois
BREZENE, Dario M.	Whiting, Indiana
BREZENE, George S.	Whiting, Indiana
BRINKER, Stephen G.	Cincinnati, Ohio
BRINKMAN, Frederick C.	Kalida, Ohio
BROADWAY, Paul R.	Chicago, Illinois
BROCK, Timothy M.	Lyndhurst, Ohio
BROOKS, Edward K.	Wilmington, Delaware
BROUCH, John E.	Chicago, Illinois
BROUSSARD, Kenneth J.	Cincinnati, Ohio
BROWN, Thomas P.	Muncie, Indiana
BROWN, Thomas R., Jr.	Chicago, Illinois
BRUCE, Larry	Rensselaer, Indiana
BRUCE, Mark M.	Stanford, Connecticut
BRUNETTI, Alfred R., Jr.	Garfield, New Jersey
BRUNS, James L.	Celina, Ohio
BRUNTON, Rose M.	Morocco, Indiana
BUCINA, Alfred L.	Chicago, Illinois
BUCKLEY, Robert R.	Chicago, Illinois
BUDDE, Ronald P.	Covington, Kentucky
BUDISH, John M.	Milwaukee, Wisconsin
BUECHLER, Charles M.	East St. Louis, Illinois
BUGIELSKI, Robert J.	Chicago, Illinois
BUHRMAN, Philip R.	Rensselaer, Indiana
BURDOCK, David O.	Waconda, Illinois
BURGEI, Thomas J.	Rome City, Indiana
BURGER, Frederick J.	Royal Oak, Michigan
BURGER, Michael E.	Jasper, Indiana
BURKART, James M.	Fostoria, Ohio
BURKE, Brian D.	Maywood, New Jersey
BURKE, Jerome F.	Glenview, Illinois
BURKE, Thomas J.	Chicago, Illinois
BURKE, Thomas W.	Tampico, Illinois
BURNETT, James C.	Cincinnati, Iowa
BURNS, Joseph P.	Avon, New Jersey
BUSZTA, Gerald M.	Port Chester, New York
BUTLER, Bruce L.	Fair Lawn, New Jersey
BUTLER, Paul J.	Washington, D.C.
BUTRICK, Wayne J.	Westwood, New Jersey
BUTT, Paul E.	Portsmouth, Ohio
BYRNE, Patrick L.	Wapakoneta, Ohio
BYRNE, Paul J.	New Berlin, Wisconsin
CABRAL, Darryl A.	Manteca, California
CAHOON, J. Craig	Falls Church, Virginia
CAITO, Frederick	Bay Village, Ohio

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CALABRESE, James, Jr.	Chicago, Illinois
CALABRESE, Ralph, Jr.	Chicago, Illinois
CALLAHAN, Daniel III	River Forest, Illinois
CAMA, Vincent A.	New York, New York
CAMPBELL, Dennis L.	Marion, Indiana
CARBERRY, David M.	Stewart Manor, New York
CARDINI, Robert G.	Old Greenwich, Connecticut
CAREY, Joseph P.	Joliet, Illinois
CARLIN, Charles R.	South Bend, Indiana
CARMODY, John III	Oak Park, Illinois
CARMODY, Timothy P.	Grand Rapids, Michigan
CARNEY, John F. III	Austintown, Ohio
CARRICO, Bernard, Jr.	Detroit, Michigan
CARRICO, Charles J.	Detroit, Michigan
CARRIGAN, William R.	Chicago, Illinois
CASEY, Francis J.	Chicago, Illinois
CASEY, Jerome E.	Chicago, Illinois
CASE, John J.	Ottaw, Illinois
CASHIN, Edward M.	Hillsdale, New Jersey
CASHMAN, W. Patrick	Delaware, Ohio
CASSELL, David M.	Springfield, Maryland
CATALANO, Bruce A.	Canton, Ohio
CATALANO, Jerome D.	Lorain, Ohio
CAUFIELD, Howard J.	Brooklyn, New York
CAVOLINA, Michael	Bayside, New York
CAVALLARI, George R.	Winnetka, Illinois
CAVALLINI, Daniel J.	Glenview, Illinois
CEBULSKI, Mary Ellen	Rensselaer, Indiana
CHAMBERLAIN, Charles	Sandusky, Ohio
CHEEVERS, Kevin C.	Chicago, Illinois
CHERWIN, Kenneth, Jr.	Mt. Prospect, Illinois
CHIORAZZI, Anthony J.	West New York, New Jersey
CHMIEL, Thomas R.	Michigan City, Indiana
CHRISTIN, George J.	Bethesda, Maryland
CHU HUNG, Manh	Chicago, Illinois
CHURCH, Michael J.	Detroit, Michigan
CICHANSKI, Donald J.	Chicago, Illinois
CLAES, Gerald J.	Gross Ile, Michigan
CLANCEY, Robert, Jr.	Detroit, Michigan
CLARK, Bernard T.	Lincolnwood, Illinois
CLARK, Neal F.	Rensselaer, Indiana
CLARK, Rosemarie A.	Lafayette, Indiana
CLIFFORD, Charles A.	Homewood, Illinois
CLINE, Michael K.	Mishawaka, Indiana
COADY, Frederick F.	Woodside, New York
COLEMAN, Thomas J.	Chicago, Illinois
COLLINS, Thomas W.	Arlington Heights, Illinois
COLOPY, Thomas E.	Lancaster, Ohio
COMELLA, Anthony J.	Indianapolis, Indiana
CONLEY, Michael L.	Riverdale, Illinois
CONNELL, Daniel E., Jr.	Cincinnati, Ohio
CONOVER, James N.	Galesburg, Illinois
CONWAY, John, Jr.	Oak Lawn, Illinois
CONWAY, Michael F.	Park Ridge, Illinois
CONWELL, William A., Jr.	Pittsburgh, Pennsylvania
COONEY, Timothy J.	Detroit, Michigan
COONS, Alan R.	Mt. Clemens, Michigan

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COOPER, Frank J.	Wellan, Ontario, Canada
CORBETT, Thomas A.	Chicago, Illinois
COREA, Richard T.	Niles, Ohio
CORNYN, Michael R.	Chicago, Illinois
COX, Edsel J.	Iron Mountain, Michigan
COZZENS, John R.	Chicago, Illinois
CRAIG, Michael D.	Tiffin, Ohio
CRALL, Jerry L.	Fort Wayne, Indiana
CRAVEN, Robert, Jr.	Oak Lawn, Illinois
CREGOR, Thomas F.	Upper Sandusky, Ohio
CRESPO, Stephen W.	New York, New York
CRIST, Brian M.	Blue Island, Illinois
CRIST, Dean M.	Blue Island, Illinois
CROCK, Raymond L.	Suffield, Ohio
CROKE, James R.	Glenview, Illinois
CRON, Nicholas J.	Celina, Ohio
CROSBY, Earl W.	Euclid, Ohio
CUCCI, William R.	Rochester, New York
CUDZILO, Thomas F.	Chicago, Illinois
CULLUM, John G.	Essex Falls, New Jersey
CUMMINGS, Richard J.	Chicago, Illinois
CUMMINGS, Robert T.	Cincinnati, Ohio
CURY, Charles A.	North Royalton, Ohio
CUSICK, Stephen D.	Prospect, Ohio
CUSUMANO, Salvatore	Linden, New Jersey
CWIERTNIAK, Robert L.	Chicago, Illinois
CZARNECKI, Robert N.	Oak Lawn, Illinois
DAHLINGHAUS, Daniel	Yorkshire, Ohio
DALY, Kenneth E.	Yonkers, New York
DANAPILIS, Valentinas	South Haven, Michigan
DANDROW, Benedict R.	Canton, Ohio
DANEHY, Robert J.	Caryle, Illinois
DANIELS, Joseph J., Jr.	Cedar Grove, New Jersey
DARIOTIS, Terrence T.	Chicago, Illinois
DARMSTADT, Daniel E.	Des Plaines, Illinois
DATKA, Phillip A.	Milwaukee, Wisconsin
DAVIGNON, David A.	Cincinnati, Ohio
DAVIS, Francis, Jr.	Fair Haven, New Jersey
DAVIS, Helena P.	Rensselaer, Indiana
DAVISON, Ricky G.	Springfield, Minnesota
DEAVER, Philip F.	Tuscola, Illinois
DEELEY, Simone T.	Rensselaer, Indiana
DEGENHARDT, John C.	Gibsonia, Pennsylvania
DELANEY, Michael E.	Fort Wayne, Indiana
DELEGATO, Carl R.	Chicago, Illinois
DELISA, James L.	Chicago, Illinois
DEMBINSKY, Edward R.	New York, New York
DEMSSERT, William J.	Mt. Prospect, Illinois
DERMODY, William B.	Trenton, Illinois
DesJEAN, Thomas P.	Indianapolis, Indiana
DESLAURIERS, George	Oaklawn, Illinois
DESNOYERS, Richard	Malone, New York
DeVOE, Daniel M.	Bayside, New York
DEWANE, Mike J.	Manitowoc, Wisconsin
DeWISPELAERE, D. E.	Mishawaka, Indiana
DIAMOND, Mary F.	Rahway, New Jersey

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DIAMOND, Thomas J.	Rahway, New Jersey
DICK, G. Daniel	Arlington Heights, Illinois
DICKREDE, Richard J.	Delphos, Ohio
DIERKES, Ronald L.	Madison, Indiana
DIETZ, Edward	Bellbrook, Ohio
DIEZEL, Michael G.	Wood Dale, Illinois
DILLON, Daniel, Jr.	Chicago, Illinois
DILLON, John M.	Chicago, Illinois
DYMTROW, Mitchell W.	St. Catherine, Ontario, Canada
DOCKUS, Anthony C.	Chicago, Illinois
DOELL, John M.	Bay Village, Ohio
DOELL, Thomas J.	Bay Village, Ohio
DOLAN, Don L., Jr.	Detroit, Michigan
DOLAN, Robert J.	Evergreen Park, Illinois
DONAHUE, James A.	Park Ridge, Illinois
DONDLINGER, Peter R.	Milwaukee, Wisconsin
DONOGHUE, Richard	Louisville, Kentucky
DOODY, Michael J.	Chicago, Illinois
DOODY, Robert J.	Park Ridge, Illinois
DORGAN, William, Jr.	Chicago, Illinois
DOSTAL, David G.	Bucyrus, Ohio
DOUGHERTY, Robert, Jr.	Logansport, Indiana
DOUGLAS, William F.	Rensselaer, Indiana
DOVE, Harry J., Jr.	Grenloch, New Jersey
DOWLING, Michael J.	Niles, Michigan
DOWNEY, James E.	Norwich, New York
DOYLE, Thomas E.	Chicago, Illinois
DRAGAN, Thomas M.	Chicago, Illinois
DRNEC, George, Jr.	Memphis, Indiana
DUFFY, Kevin E.	Chicago, Illinois
DUGAN, Maurice A. III	Philadelphia, Pennsylvania
DUGGINS, Ellen M.	Rensselaer, Indiana
DULEWSKI, Dennis	Chicago, Illinois
DUMKE, Paul F.	Arlington Heights, Illinois
DUNCAN, Dennis C.	Delaware, Ohio
DUNDAS, James M.	Clifton, Illinois
DUNHAM, Thomas L.	Cincinnati, Ohio
DUNN, Dennis J.	Barrington, Illinois
DUNN, John E.	Susquehanna, Pennsylvania
DUNN, Richard J., Jr.	Chicago, Illinois
DURKIN, James T.	Chicago, Illinois
DUVALL, Michael E.	Monroe, Michigan
DVORAK, Robert E., Jr.	Chicago, Illinois
DYKAS, Joseph A.	Chicago, Illinois
DYKE, William D.	DeMotte, Indiana
DZIACHAN, David A.	Adrian, Michigan
EATON, Carolyn S.	Rensselaer, Indiana
EBACH, Aloys P.	Bismarck, North Dakota
EDMISTON, James P.	Cincinnati, Ohio
EGAN, James, Jr.	Amherst, Ohio
EGAN, John J.	Chicago, Illinois
EGELER, Barry L.	Plymouth, Michigan
EINIKIS, Joseph	Chicago, Illinois
EITER, Thomas P.	Des Plaines, Illinois
ELLIOTT, Gregory J.	Skokie, Illinois
ELLIS, Daniel E.	Kettering, Ohio

REGISTER OF STUDENTS 149

ELWARD, Karen L.	Wabash, Indiana
ENGLISH, Patrick M.	Middletown, Ohio
ENRIGHT, David G.	Chicago, Illinois
ERNST, James	Delphos, Ohio
EVANS, James E.	Dayton, Ohio
EVANS, Michael	Clarksville, Indiana
FABBRE, Denis E.	Joliet, Illinois
FABIAŃSKI, Francis	Chicago, Illinois
FANNIN, Mark W.	Racine, Wisconsin
FANSELOW, David H.	Chicago, Illinois
FARBER, Charles R.	Chicago, Illinois
FARFSING, John E.	Dayton, Ohio
FARR, John	Chicago, Illinois
FAVROT, Phillip L.	Zionsville, Indiana
FEENEY, Edmund J.	Short Hills, New Jersey
FELDHAUS, Stephen J.	Park Forest, Illinois
FELICELLI, Joseph	Oak Park, Illinois
FERRARA, Dennis E.	Flint, Michigan
FERRARI, Randall A.	Chicago, Illinois
FERRELLI, Michael G.	South Berwick, Maine
FIELD, James M.	Falls Church, Virginia
FIELY, Charles E.	Dayton, Ohio
FIGARO, Gregory J.	Redbank, New Jersey
FILAN, John B.	Chicago, Illinois
FINN, Stephen	Scotch Plains, New Jersey
FITZGERALD, James F.	New York, New York
FITZGERALD, Thomas W.	Chicago, Illinois
FLAK, Robert S.	Evergreen Park, Illinois
FLANAGAN, James J.	Chicago, Illinois
FLEMING, Peter M.	Woodbridge, Connecticut
FLICK, John E.	Hamilton, Ohio
FLICK, Timothy R.	Hamilton, Ohio
FLOOD, James R.	Chicago, Illinois
FLORES, Luis J.	Mexico City, Mexico
FLOWERS, Thomas	South Bend, Indiana
FLUTY, James L.	Utica, New York
FLYNN, James R.	Evergreen Park, Illinois
FLYNN, Thomas E.	Bloomington, Illinois
FOCKE, Oscar F. III	Dayton, Ohio
FOLEY, Terrence M.	Springfield, Ohio
FOLTZ, Earl E., Jr.	Indianapolis, Indiana
FONGHEISER, Paul R.	Akron, Ohio
FOPPE, Cyril F.	Trenton, Illinois
FORAN, Edward J.	Trenton, New Jersey
FORD, William A.	Cincinnati, Ohio
FORK, James L.	DeMotte, Indiana
FORSTHOEFEL, David	Celina, Ohio
FORTIER, Terrance	Kankakee, Illinois
FORTMAN, Roger H.	Kalida, Ohio
FOSSUM, Thomas J.	Ashland, Wisconsin
FOX, Thomas E.	Arlington Heights, Illinois
FRALEY, Charles	Detroit, Michigan
FRANCIS, James T.	Lorain, Ohio
FRANCZYK, David P.	Chicago, Illinois
FRANKLIN, Joseph M.	Bronx, New York
FRANKO, Thomas J.	Gary, Indiana

150 SAINT JOSEPH'S COLLEGE

FRANKOWSKI, James E.	Toledo, Ohio
FREAS, Bro. Arnold	Cleveland, Ohio
FRY, Stephen C.	Monroeville, Indiana
FUCHS, Frank C.	Batavia, New York
FULLER, Michael J.	Auburn, Indiana
FUNK, Donald E.	Kentland, Indiana
FUNK, Harold E.	Kentland, Indiana
FUNK, Rosemary	Earl Park, Indiana
FUNK, Sharon R.	Kentland, Indiana
FURMAN, John D.	Little Falls, New Jersey
GAERTNER, Edward, Jr.	Blue Island, Illinois
GAFFNEY, William H.	Chicago, Illinois
GAGNON, John H.	Watseka, Illinois
GALLAGHER, Dennis M.	Milwaukee, Wisconsin
GALLAGHER, Edward, Jr.	Warren, Michigan
GALLAGHER, Gregory	Kettering, Ohio
GALLES, James J.	Coloma, Michigan
GANZ, Thomas P.	Pittsburgh, Pennsylvania
GAPUTIS, Anthony M.	Brunswick, Maine
GARDNER, Della S.	Culver, Indiana
GARTLAND, Thomas E.	Flint, Michigan
GARVIN, John H.	Fort Wayne, Indiana
GASE, Larry D.	Decatur, Indiana
GAUGH, James S.	Lima, Ohio
GAUS, James G.	Pittsburgh, Pennsylvania
GAW, Barry T.	Oak Lawn, Illinois
GEHRIG, Gregory P.	Washington, D.C.
GEIER, Alan M.	Garden City, Kansas
GEIMER, Jerome H.	Decatur, Indiana
GEORGESON, Michael	South Euclid, Ohio
GERKEN, George E.	Toledo, Ohio
GESSLER, James A.	Wichita, Kansas
GIAIMO, Thomas F.	Newark, New Jersey
GIEL, Robert L.	South Bend, Indiana
GIGNAC, Arthur L.	Royal Oak, Michigan
GILLESPIE, John W.	Cincinnati, Ohio
GINTOFT, Bruce J.	Milwaukee, Wisconsin
GIROUARD, Ronald R.	Rensselaer, Indiana
GISKA, Ronald E.	Lombard, Illinois
GLAZIER, Daniel J.	Navarre, Ohio
GOETZ, Ronald G.	Rensselaer, Indiana
GOLEC, Daniel P.	Detroit, Michigan
GOOD, Hugh	Champaign, Illinois
GORA, Patrick J.	Cicero, Illinois
GORDON, Stephen R.	Greensburg, Indiana
GORDON, William M.	Mt. Prospect, Illinois
GOSKI, Joseph P.	Westfield, New Jersey
GOSZCSYNISKI, Dennis	Niles, Illinois
GRABAREK, Conrad S.	Chicago, Illinois
GRABEK, John R.	Gary, Indiana
GRADY, Patrick J.	Wakeman, Ohio
GRAHAM, James D.	Mt. Vernon, Ohio
GRAHAM, Patrick J.	Peru, Indiana
GRAJEWSKI, Timothy J.	Detroit, Michigan
GRAFTON, Eugene J.	Highland Lakes, New Jersey
GRAVLIN, Gary M.	Ashkum, Illinois

REGISTER OF STUDENTS 151

GRECO, Joseph A.	Piscataway, New Jersey
GREEN, Richard L.	Rensselaer, Indiana
GREEN, Thomas, Jr.	Elgin, Illinois
GREENE, Richard L.	Decatur, Illinois
GRENCIK, Steven J.	Whiting, Indiana
GRIFFIN, John A.	Chicago Heights, Illinois
GRIFFIN, Thomas K.	Indianapolis, Indiana
GROBLEWSKI, Russell	Milwaukee, Wisconsin
GROSS, Kenneth C.	Kearny, New Jersey
GROSS, Thomas D.	Hammond, Indiana
GROTEMAT, Bruce C.	Ludington, Michigan
GRZESIK, Thomas F.	Chicago, Illinois
GUARINO, Kathleen	Goodland, Indiana
GUBBENS, Patrick J.	Westchester, Illinois
GUCCIONE, Michael J.	Silver Spring, Maryland
GUDGEON, George, Jr.	Chicago, Illinois
GUDORF, Marvin R.	Rensselaer, Indiana
GUERRA, Kenneth J.	Chicago, Illinois
GUERRE, Edward G.	Gary, Indiana
GUERRERO, Reinaldo	Chicago, Illinois
GUGINO, Charles T.	Rochester, New York
GUNDY, Richard E.	Gary, Indiana
GURGONE, Michael F.	Elmhurst, Illinois
GUTGSELL, Robert C.	Jasper, Indiana
GUZZO, Frank M.	Elkart, Indiana
 HABERKAMP, Fred T.	Chicago, Illinois
HABROWSKI, Edward P.	Detroit, Michigan
HAGEDORN, Mary M.	Dayton, Ohio
HAGIST, Jacob, Jr.	Indianapolis, Indiana
HAKE, Joseph W.	Fort Wayne, Indiana
HALCARZ, John J.	East Chicago, Indiana
HALE, Rhonda, A.	Morocco, Indiana
HALIK, John	North Judson, Indiana
HALL, Gerald A.	Falls Church, Virginia
HALL, Janelle	Rensselaer, Indiana
HALL, John T.	Valparaiso, Indiana
HALL, William B.	Orwigsburg, Pennsylvania
HALLER, Peter D.	Livonia, Michigan
HALSTEAD, Roger A.	Monticello, Indiana
HAMILTON, John H.	Titusville, Pennsylvania
HAMMER, Peter T.	Hackensack, New Jersey
HAMMOND, Daniel L.	Crystal Spring, Mississippi
HAMPSTEAD, William J.	Mattawan, Michigan
HAMPTON, Matthew H.	Chicago, Illinois
HANCHAR, Anthony W.	Fort Wayne, Indiana
HAND, Joseph P.	Westfield, New Jersey
HANKS, Paul M.	Chicago, Illinois
HANRAHAN, Martin P.	Springfield, Ohio
HANSELL, Charles E.	Remington, Indiana
HANSON, Walter F.	Wheaton, Illinois
HARPER, Joseph P.	Royal Oak, Michigan
HARPER, Richard J.	Newark, New Jersey
HARRIS, Robert A.	Elmwood Park, Illinois
HARRIS, Dennis M.	Oaklawn, Illinois
HARRIS, Michael J.	Indianapolis, Indiana
HARRIS, Thomas A.	Oak Park, Illinois

152 SAINT JOSEPH'S COLLEGE

HASLINGER, George P.	Fremont, Ohio
HASSER, Melvin J.	Fowler, Indiana
HAULE, Robert, Jr.	Detroit, Michigan
HAYDEN, Steven C.	Chicago, Illinois
HEALEY, John, Jr.	Falls Church, Virginia
HEANEY, Richard P.	West Orange, New Jersey
HEIMANN, Gerald J.	Decatur, Indiana
HEINOLD, Philip L.	Basking Ridge, New Jersey
HEINRICHS, Gerard J.	Chicago, Illinois
HEINRICH, Timothy F.	Chicago, Illinois
HELD, Jay W.	Fremont, Ohio
HELTON, James R.	Indianapolis, Indiana
HELZING, Carl F.	Chicago, Illinois
HELZING, John W.	Chicago, Illinois
HEMM, Timothy P.	Piqua, Ohio
HENDELMAN, Robert J.	Chicago, Illinois
HENDERLONG, Wayne J.	Crown Point, Indiana
HENGESBAUGH, Bernard	Birmingham, Michigan
HENGESBAUGH, Mary P.	Birmingham, Michigan
HENKEL, Daniel J.	Seymour, Indiana
HENNESSY, Michael T.	Lake Forest, Illinois
HENRY, Chris J.	Royal Oak, Michigan
HERBER, Robert C.	Grabill, Indiana
HERBST, Thomas J.	Detroit, Michigan
HERKES, John E.	Dubuque, Iowa
HERLIHY, Daniel P.	Arlington Heights, Illinois
HEROD, Lawrence M.	East Chicago, Indiana
HERNIAK, Stephen F.	Pittsburgh, Pennsylvania
HERSHBERGER, David M.	Hialeah, Florida
HERSHBERGER, Malcolm	Rensselaer, Indiana
HESS, Carl J.	Celina, Ohio
HESTER, James P.	Chicago, Illinois
HICKS, Thomas	La Grange Park, Illinois
HIGGINS, Michael J.	Chicago, Illinois
HILL, Kenneth H.	Rensselaer, Indiana
HILLARY, Theodore W.	Grand Rapids, Michigan
HILLEBRAND, Victor	Detroit, Michigan
HINDERY, Richard F.	St. Joseph, Missouri
HINTON, Richard N.	Chicago, Illinois
HIPPLE, William D.	Fort Thomas, Kentucky
HITPAS, Patrick H.	Carlyle, Illinois
HOFFMAN, Donald J.	Jasper, Indiana
HOFFMAN, Paul J.	Indianapolis, Indiana
HOFSTETTER, Fred T.	Worthington, Ohio
HOGAN, James J.	Mattoon, Illinois
HOGAN, William III	Chicago, Illinois
HOHENBRINK, Ken R.	Columbus Grove, Ohio
HOHMAN, John B.	Caldwell, Ohio
HOLAHAN, Daniel J.	Cleveland, Ohio
HOLMES, Michael F.	Bethesda, Maryland
HOLTZ, Melvin G.	Mequon, Wisconsin
HOOTEN, James E.	Washington, Indiana
HOOVER, Frank, Jr.	Monticello, Indiana
HOOVER, James W.	Monticello, Indiana
HOVLER, Edward D.	Indianapolis, Indiana
HOPKINS, Robert P.	Wycoff, New Jersey
HORNECK, Richard H.	Fond Du Lac, Wisconsin

REGISTER OF STUDENTS 153

HORWITZ, William G.	Burlingame, California
HOULIHAN, Edward P.	Chicago, Illinois
HOUCK, Joseph E.	Tiffin, Ohio
HOUSTON, Patrick J.	Indianapolis, Indiana
HOWE, Michael J.	Rochester, Pennsylvania
HOYING, Frederick H.	Celina, Ohio
HOYING, James E.	Greenville, Ohio
HOYING, John P.	Anna, Ohio
HOYING, Ronald B.	Celina, Ohio
HRYNIEWLCZ, Thaddeus	Chicago, Illinois
HUCKLEBERRY, Thomas	Indianapolis, Indiana
HUELSKAMP, Thomas R.	Breese, Illinois
HUGH, Leighton P.	Kingston, Jamaica
HUGHES, John III	Detroit, Michigan
HUHN, Larry C.	Rensselaer, Indiana
HUNT, Robert R.	South Bend, Indiana
HUNTER, David M.	Decatur, Illinois
HURLEY, John J.	New Milford, New Jersey
HURTUBISE, Mark J.	South Bend, Indiana
HUTCHENS, David W.	Munster, Indiana
HYLA, Joseph S.	Buffalo, New York
IACONO, Vincent	Washington, D.C.
IEHL, Nicholas C.	Fort Wayne, Indiana
ILES, James	Chicago, Illinois
INKROTT, James G.	Glandorf, Ohio
IOVIN, Stephen C.	West Orange, New Jersey
ISERMAN, Gregory T.	Milwaukee, Wisconsin
IVANTIC, Walter J.	Middlesex, New Jersey
IWANKOVITCH, Harold	St. Clair Shore, Michigan
JACKSON, Lyle T.	Normal, Illinois
JADCHEW, John J.	Parma, Ohio
JAEGER, Joseph J.	Batavia, Illinois
JAEGER, William F.	Elmhurst, Illinois
JAMIESON, Philip G.	Southgate, Michigan
JANKOWSKI, James J.	Chicago, Illinois
JANN, William E.	Evergreen Park, Illinois
JARZEMBOWSKI, Francis	Chicago, Illinois
JENSEN, Thomas C.	Chicago, Illinois
JERWERS, Dennis L.	Kalida, Ohio
JERWERS, Donald L.	Kalida, Ohio
JESS, Frank J.	Perth Amboy, New Jersey
JIMENEZ, Douglas T.	Tracy, California
JOHNS, Andrew M.	Fort Wayne, Indiana
JOHNS, George	Chicago, Illinois
JOHNSON, Albert W.	Cleveland, Ohio
JOHNSON, Michael A.	Chicago, Illinois
JOHNSON, Thomas L.	West Hartford, Connecticut
JOHNSTON, Robert F.	Chicago, Illinois
JUNG, Gary E.	Cincinnati, Ohio
JUNGBLUT, Joseph A.	Wheaton, Illinois
JUREK, Mark S.	Whiting, Indiana
JUSTAK, Donald J.	Whiting, Indiana
KACPROWICZ, Thomas F.	Chicago, Illinois
KADING, John A.	Evanston, Illinois
KAMINSKY, Alan J.	Hammond, Indiana

154 SAINT JOSEPH'S COLLEGE

KANE, Richard H.	Chicago, Illinois
KARAZIM, Gary	Jackson, Michigan
KASZUSKI, Paul R.	Staten Island, New York
KEHOE, Richard T.	Wilmette, Illinois
KEILMAN, John H.	Gary, Indiana
KEISTER, Stephen	Carey, Ohio
KELLEY, Robert W.	Kankakee, Illinois
KELLY, John P.	Chicago, Illinois
KELLY, R. James	Mt. Vernon, Ohio
KELLY, Terrence N.	East Chicago, Indiana
KELLY, Thomas, Jr.	Arlington, Virginia
KELLY, Timothy B.	Sioux City, Iowa
KENDALL, Mary E.	La Porte, Indiana
KENNEDY, James J.	Ottawa, Illinois
KENNEDY, John, Jr.	Riverside, Illinois
KENNEDY, Patrick M.	Mt. Prospect, Illinois
KENNY, Mary J.	Rensselaer, Indiana
KENNY, William C.	Chicago, Illinois
KERKES, Hilda M.	Rensselaer, Indiana
KERR, Kevin T.	Parsippany, New Jersey
KERHIN, Randall T.	Hobart, Indiana
KESL, George R.	San Pierre, Indiana
KIBLER, Richard J.	Watervliet, Michigan
KIFFNER, Paul M.	Greenville, Tennessee
KIJANSKI, Joseph M.	Garfield Heights, Ohio
KILBRIDE, Bernard III	Grosse Point Woods, Michigan
KINDELL, Bethel C.	Brook, Indiana
KINATE, Jon M.	Forrest, Illinois
KING, Peter J.	Dayton, Ohio
KING, William J.	Mt. Prospect, Illinois
KINGHORN, Mark, Jr.	Schererville, Indiana
KINNICK, John, Jr.	Livonia, Michigan
KIRK, Thomas N.	Chicago, Illinois
KIZARIC, Stephen D.	Oak Lawn, Illinois
KLAUS, Joseph P.	Remington, Indiana
KLEESE, Michael F.	Indianapolis, Indiana
KLINGERMAN, Max R.	Carmel, Indiana
KLIMA, Michael L.	Wapakoneta, Ohio
KLINGER, Donald J.	Chicago, Illinois
KNECHT, James M.	Cincinnati, Ohio
KNIGHT, John E.	East Chicago, Indiana
KNITTER, Thomas R.	Chicago, Illinois
KOEPENICK, Gary J.	Potomac, Maryland
KOKANDY, Phillip J.	Whiting, Indiana
KOKANDY, Robert S.	Whiting, Indiana
KOLOJESKI, Paul F.	Ventnor, New Jersey
KONRATH, Melvin D.	Chicago, Illinois
KOORS, John E.	North Miami, Florida
KOPP, John C.	Harwood Heights, Illinois
KORN, Leonard J.	Park Ridge, Illinois
KOSMALA, Jack L.	Calumet City, Illinois
KOTULAK, David B.	Gary, Indiana
KOTYLO, Joseph A.	Grosse Pointe Farms, Michigan
KOZIOL, Dennis J.	Chicago, Illinois
KRAMER, Andre W.	Joliet, Illinois
KRAMER, Gregory J.	Erie, Pennsylvania
KRAMER, John J.	Tipp City, Ohio

REGISTER OF STUDENTS 155

KRAMER, Michael S.	Lombard, Illinois
KRAMER, Ronald E.	Ann Arbor, Michigan
KRANZ, Charles E.	Michigan City, Indiana
KRAPEC, Michael J.	Chicago, Illinois
KRASKY, Charlie M.	Montvale, New Jersey
KREMER, Roger J.	New Bremen, Ohio
KREMER, Ronald A.	New Bremen, Ohio
KRESKE, John C.	Royal Oak, Michigan
KRIESEL, Edward J.	Celina, Ohio
KRISKO, Jerome M.	Cleveland, Ohio
KROEGER, Dennis J.	Cicero, Illinois
KROUSE, Richard Walker	Fort Wayne, Indiana
KUBAL, John A.	Lombard, Illinois
KUCYNSKI, Raymond T.	Chicago, Illinois
KUEBLER, Joseph W.	Tiffin, Ohio
KUHLMAN, William H.	Glandorf, Ohio
KULCZEWSKI, John F.	Council Bluffs, Iowa
KULLA, Donald F.	Arlington Heights, Illinois
KULLA, Raymond J.	Arlington Heights, Illinois
KUNBERGER, Jack D.	Fort Wayne, Indiana
KUNISCH, William J.	Berkey, Ohio
KUNKA, Thaddeus, David	Evergreen Park, Illinois
KUS, Benedict, Joseph	Chicago, Illinois
KWIATKOWSKI, David S.	Chesterton, Indiana
 LAAKE, David L.	Ferdinand, Indiana
LaBARBERA, Robert S.	Tonawanda, New York
LABUSIEWSKI, Joseph F.	South Bend, Indiana
LACNY, Paul J.	Brookfield, Illinois
LAGER, George A.	Carlyle, Illinois
LaGIGLIA, Frank M.	Evergreen Park, Illinois
LAGINESS, Michael L.	River Rouge, Michigan
LAIRD, Michael J.	Arlington Heights, Illinois
LaLONDE, Timothy J.	St. Clair, Michigan
LAMB, Charles P.	Cleveland, Ohio
LAMBERT, Mark T.	Crown Point, Indiana
LAMM, Charles R.	Michigan City, Indiana
LaMURA, Mark F.	Morganville, New Jersey
LANGENKAMP, James L.	Maria Stein, Ohio
ANGLEY, Michael P.	Chicago, Illinois
LaPARD, Gary L.	Monroe, Michigan
LASHBROOK, Ronald B.	Rensselaer, Indiana
LASKO, Gerald R.	Westlake, Ohio
LATRONICA, Robert J.	Lombard, Illinois
LAUDICK, Lawrence A.	Van Wert, Ohio
LAUER, Richard K.	South Bend, Indiana
LAULETTA, Paul J.	Fort Wayne, Indiana
LAVEY, Gerald M.	Rensselaer, Indiana
LAYDEN, Daniel J.	Hoopeson, Illinois
LEBAR, Joseph A.	Glen Ellyn, Illinois
LECHNER, Paul A.	Chicago, Illinois
LECHWAR, Rodney B.	Northbrook, Illinois
LEE, Jon J.	Hammond, Indiana
LEGATSKE, Robert E.	Oak Forest, Illinois
LEIBIG, Paul A.	Corning, New York
LEKAN, Jerome H.	Park Ridge, Illinois
LELIAERT, Raymond M.	South Bend, Indiana

156 SAINT JOSEPH'S COLLEGE

McHAFFY, Sharron J.	Elgin, Illinois
LEONARD, John B.	Chicago, Illinois
LETKIEWICZ, Raymond S.	Chicago, Illinois
LEUCK, Marvin J.	Fowler, Indiana
LEVINS, Kevin T.	Flossmoor, Illinois
LEWIS, Shirley J.	Rensselaer, Indiana
LICATA, Donald A.	South Holland, Illinois
LIGGETT, Keith R.	Melrose Park, Illinois
LINDBLOOM, Joseph T.	Chicago, Illinois
LINSKY, Joseph P.	Kankakee, Illinois
LISKA, Greg D.	Riverside, Illinois
LITZEIBER, Robert L.	Marion, Ohio
LOGAN, James P.	Fort Wayne, Indiana
LONGHINI, Douglas A.	Joliet, Illinois
LOPINAS, William J.	Cicero, Illinois
LOTHAMER, Terrence L.	Churubusco, Indiana
LUKAS, Robert V.	Woodside, New York
LUKEY, Paul E.	Cincinnati, Ohio
LUND, Robert C.	Mt. Prospect, Illinois
LUNKES, Michael J.	Chicago, Illinois
LYONS, Martin V.	Evergreen Park, Illinois
LYONS, Paul L.	Evergreen Park, Illinois
LYONS, William J.	Syracuse, New York
MACINA, Vincent R.	Chicago, Illinois
MACKIE, Gregory J.	Farmington, Michigan
MADDEN, Thomas J.	Bay Village, Ohio
MADISON, Thomas C.	Grosse Pte. Park, Michigan
MAGYAR, Francis, Michael	Decatur, Michigan
MAIO, Karl J.	Milwaukee, Wisconsin
MAJAK, Francis F.	Dunkirk, New York
MAJOR, Robert G.	Chicago Heights, Illinois
MALATESTA, Stanley A.	Wapakoneta, Ohio
MALLAMO, John P.	Phoenix, Arizona
MALONE, James F.	Brooklyn, Ohio
MALONE, Michael J.	Springfield, Ohio
MALONEY, William J.	Brooklyn, Ohio
MANLEY, Gregory N.	Rochester, New York
MANNHARD, Gregory W.	St. Louis, Missouri
MANNIA, David S.	LaPorte, Indiana
MANNING, G. Robert	Braintree, Massachusetts
MANTICH, John A.	Whiting, Indiana
MARANOWSKI, Robert P.	Dunellen, New Jersey
MARCO, Michael D.	Chicago, Illinois
MARCOTTE, Thomas F.	South Bend, Indiana
MARGIOTTA, Bart J.	St. Louis, Missouri
MARGRAVE, Edmund D.	Pleasant Ridge, Michigan
MARTY, Dennis J.	Louisville, Kentucky
MASSA, Edward G.	Gary, Indiana
MASTERSON, Timothy	Chicago, Illinois
MASTRACCI, Gino F.	Thorold, Ontario, Canada
MATESICH, Michael S.	Newark, Ohio
MATHEWS, Thomas C.	Chicago, Illinois
MAURY, David	Bronx, New York
MAXWELL, James William	Glenside, Pennsylvania
MAY, Phillip R.	Winamac, Indiana
McANARNEY, Terrence P.	Springfield, Illinois

REGISTER OF STUDENTS 157

McANDREW, John J.	Blauvelt, New York
McARDLE, Thomas M.	Chicago, Illinois
McBRIDE, Patrick J.	Fort Wayne, Indiana
McCANN, Dennis J.	Chicago, Illinois
McCARTHY, Brian G.	Wilmette, Illinois
McCARTHY, Daniel P.	Louisville, Kentucky
McCARTHY, James P.	Evergreen Park, Illinois
McCARTHY, Joel E.	Lansing, Illinois
McCARTHY, John E.	Oak Park, Illinois
McCARTHY, Richard J.	Westchester, Illinois
McCARTHY, Terrence D.	Grosse Pte. Woods, Michigan
McCARTHY, William Joseph	Detroit, Michigan
McCAULEY, Partick J.	Ft. Thomas, Kentucky
McCAULEY, Peter J.	St. Joseph, Michigan
McCORMICK, James P.	Lima, Ohio
McCORMICK, John J.	Chicago, Illinois
McCORMICK, Joseph J.	Lima, Ohio
McREADY, Robert E.	Rocky River, Ohio
McCULLOCH, Jeffrey R.	Deerfield, Illinois
McDANIEL, Richard B.	LaPorte, Indiana
McDONALD, James D.	Chicago, Illinois
McELDONNEY, David M.	Chicago, Illinois
McELROY, Michael J.	Evergreen Park, Illinois
McFAWN, Frederick W.	Detroit, Michigan
McGANN, Timothy W.	Chicago, Illinois
McGOVERN, James P.	Rahway, New Jersey
McGRANE, Michael T.	Chicago, Illinois
McGRATH, Terry R.	Chicago, Illinois
McGRAW, John P.	Fowler, Indiana
McGUIRE, William J.	Chicago, Illinois
McHUGH, Kevin G.	Chicago, Illinois
McHUGH, Michael F.	Flushing, New York
McINERNEY, Thomas J.	Chicago, Illinois
McKERNAN, Frank J.	Lake Forest, Illinois
McLAUGHLIN, Michael T.	Dolton, Illinois
McLAURY, David T.	Jackson, Michigan
McNALLY, Eugene R.	Rensselaer, Indiana
McNALLY, William J.	Milford, Ohio
MEEGAN, Gregory W.	Chicago, Illinois
MEIER, Gregory F.	Mt. Vernon, Ohio
MELLIN, L. Timothy	Maywood, Illinois
MENARD, Robert L.	Kankakee, Illinois
MENCHEN, Ralph J.	Yonkers, New York
MENCK, Gerald R.	Cleveland, Ohio
MENCSIK, John C.	Troy, Ohio
MERCADO, Joseph E.	Chicago, Illinois
MERCIER, Cheryl G.	Rensselaer, Indiana
MERINO, Robert P.	Niagara Falls, New York
MERRIMAN, Ronnie Paul	Royal Oak, Michigan
MERRITT, Janice K.	Rensselaer, Indiana
MERRION, John E.	Chicago, Illinois
MERZ, Richard P.	Kirkwood, Missouri
MESSMAN, Martha M.	Rensselaer Indiana
MESSMAN, Thomas J.	Rensselaer, Indiana
METZGER, Brother David	Junction City, Ohio
MEYER, Michael A.	Carlyle, Illinois
MIGELY, Michael J.	Chicago, Illinois

158 SAINT JOSEPH'S COLLEGE

KIKLUSAK, Carl J.	East Chicago, Indiana
MILAS, Leroy A.	Islip, New York
MILLER, Glenn C.	Chicago, Illinois
MILLER, James V.	Lorain, Ohio
MILLER, Paul A.	Buffalo, New York
MILLER, Stanley R.	Brookville, Ohio
MILLER, Timothy J.	Batesville, Indiana
MILOSCH, Joseph D.	Oxford, Michigan
MINAGLIA, Dennis L.	Chicago, Illinois
MINGES, William C.	Chappaqua, New York
MISCH, Thomas O.	Chicago, Illinois
MISKELL, Allison	Rensselaer, Indiana
MISSLER, Norbert E.	Lima, Ohio
MISSLER, Thomas E.	Lima, Ohio
MITSCHE, Thomas C.	Fort Wayne, Indiana
MODESTO, Edward L.	Gary, Indiana
MOEGLING, James E.	North Canton, Ohio
MOLESKI, Thomas P.	Grand Rapids, Michigan
MOLONEY, Daniel J.	Marion, Ohio
MONDESCHEAN, John S.	Chicago, Illinois
MONGEAU, Andre C.	Homewood, Illinois
MONKS, George W.	Pompton Lakes, New Jersey
MONNIN, Daniel W.	Russia, Ohio
MONROSE, John A.	Fort Wayne, Indiana
MONTER, Richard C.	Alliance, Ohio
MONTI, Gregory L.	Arlington Heights, Illinois
MOORE, Gerald E.	Akron, Ohio
MOORE, Michael F.	Oak Park, Illinois
MORAN, Stephen E.	Fort Wayne, Indiana
MORGAN, John D.	Chicago, Illinois
MORIARITY, Michael P.	Canton, Ohio
MORLEY, John F.	Morton, Pennsylvania
MORREALE, Angelo J.	Niagara Falls, New York
MORREALE, Lawrence A.	Niagara Falls, New York
MORRISON, James R.	Pawcatuck, Connecticut
MOSER, Richard P.	Fort Wayne, Indiana
MOTT, Robert L.	Gary, Indiana
MOUREK, Michael T.	Riverside, Illinois
MOYNAHAN, Paul R.	Fort Wayne, Indiana
MROZ, James J.	Norridge, Illinois
MUCKER, John Q.	Chicago, Illinois
MUELLER, George H.	Chicago, Illinois
MULCAHY, Edward W.	Chicago, Illinois
MULCAHY, Patrick J.	Milwaukee, Wisconsin
MULLEN, John M.	Hamilton, Ohio
MULLEN, James A.	Braintree, Massachusetts
MULLER, John A.	Ridgefield, New Jersey
MULLER, Margaret A.	Fowler, Indiana
MULLIGAN, Joseph E.	Lima, Ohio
MURPHY, Thomas O.	Dolton, Illinois
MURPHY, William F.	Homewood, Illinois
MULRYAN, James M.	Chicago, Illinois
MURRAY, Daniel M.	Lorain, Ohio
MUSHEN, Ralph D.	Detroit, Michigan
MUSIAL, James B.	Chicago, Illinois
MUSTO, David P.	Detroit, Michigan
MUTH, David T.	Cleveland Heights, Ohio

REGISTER OF STUDENTS 159

MUTH, Theodore H.	Chicago, Illinois
MYERS, Thomas K.	Jeffersonville, Indiana
MYSLINSKI, Thomas E.	Fremont, Ohio
NADORFF, Nicholas F.	Black Jack, Missouri
NAGLE, James W.	Ransom, Illinois
NATH, Thomas E.	Sandusky, Ohio
NAUGHTON, Michael M.	Chicago, Illinois
NEAL, James C.	Princeton, Indiana
NEAL, Stephen G.	Mattoon, Illinois
NEFF, Howard J.	Dayton, Ohio
NEGOVETICH, John A.	East Chicago, Indiana
NEU, John A.	Chicago, Illinois
NEUMAYER, Kurt P.	Chicago, Illinois
NEUMEIER, James R.	Wapakoneta, Ohio
NEWPORT, David L.	Cincinnati, Ohio
NG, Bartholomew S.	North Point, Hong Kong
NICCUM, Charles F.	Wood Dale, Illinois
NICHOLSON, Donald R.	Chicago, Illinois
NICOLLETTA, James J.	Crestview, Kentucky
NIEBUHR, Edward J.	Bronx, New York
NIES, James W.	Highland, Indiana
NOETH, Lawrence A.	Northbrook, Illinois
NOLAN, Thomas J.	Chicago, Illinois
NOLL, Philip J.	Glenview, Illinois
NOLL, Robert E.	Canton, Ohio
NORAMCZYK, Dennis M.	Kankakee, Illinois
NORTON, Frank A.	Fremont, Ohio
NOVAK, Alan E.	Chicago, Illinois
NOVAK, Thomas A.	Chicago, Illinois
NOWAK, Raymond A.	Chicago, Illinois
NUGENT, Jeffrey M.	Roselle, Illinois
NURRE, Edward C.	Amelia, Ohio
OBOZINSKI, Robert J.	Arlington Heights, Illinois
O'BRIEN, Michael	Wilmette, Illinois
O'BRIEN, Paul J.	River Dale, New Jersey
O'BRIEN, Thomas S.	Woodstock, Illinois
O'CALLAGHAN, Thomas M.	Matteson, Illinois
O'CONNELL, Kevin E.	Chicago, Illinois
O'CONNER, Donald C.	Logansport, Indiana
O'CONNER, Michael A.	Mt. Rainer, Maryland
O'CONNOR, William S.	Indianapolis, Indiana
O'DONNELL, Hugh E.	Whiting, Indiana
O'DONNELL, Kevin L.	South Holland, Illinois
O'DONNELL, Patrick M.	Chesterton, Indiana
O'DONNELL, Stephen F.	Detroit, Michigan
O'DONNOGHUE, George L.	Colts Neck, New Jersey
O'DONOGHUE, Steve C.	Columbus, Indiana
OEHMEN, John A.	Riverdale, Illinois
OESSION, James L.	Toledo, Ohio
OFFER, Louis	Detroit, Michigan
OGNIBENE, Frank A.	Medina, New York
O'GRADY, David J.	Lima, Ohio
O'HALLORAN, James E.	Chicago, Illinois
O'HARA, Dennis M.	Evergreen Park, Illinois
O'KEEFE, Michael J.	Detroit, Michigan
OLEGHNY, John R.	Chicago, Illinois

160 SAINT JOSEPH'S COLLEGE

O'LOUGHLIN, Thomas M.	Chicago, Illinois
OLSZEWSKI, James J.	Highland, Indiana
O'NEIL, Daniel R.	Columbus, Ohio
O'NEILL, James T.	Avenel, New Jersey
O'NEILL, Paul J.	Alton, Illinois
ONTROP, James N.	Coldwater, Ohio
O'REILLY, Andrew E.	Falls Church, Virginia
O'REILLY, James V.	Chicago, Illinois
O'REILLY, Patrick M.	Rensselaer, Indiana
ORGAN, Michael H.	Marion, Indiana
ORIEL, Paul D.	Verona, New Jersey
ORSINE, Neil R.	Meriden, Connecticut
O'SHINSKI, Leo W.	Maplewood, New Jersey
OSTROWSKI, Gregory F.	Cicero, Illinois
OVERMYER, Cheryl K.	Fort Wayne, Indiana
OWEN, Richard E.	Norridge, Illinois
PACETTI, James	Chicago, Illinois
PADICH, Robert A.	Cleveland, Ohio
PALM, Gerald M.	Villa Park, Illinois
PALMIERI, Robert A.	Woodhaven, New York
PANDOLFI, James L.	Peekskill, New York
PANOZZO, Edward L.	Kankakee, Illinois
PAQUETTE, John D.	Milwaukee, Wisconsin
PARTHUM, John, Jr.	Harper Woods, Michigan
PARYLAK, Joseph	Chicago, Illinois
PASQUESTI, James J.	Chicago, Illinois
PASQUINI, John E.	Oak Park, Illinois
PAULSEN, Ruth E.	Collegeville, Indiana
PAVICIC, Paul G.	Cleveland, Ohio
PAYNE, Walter D.	Rochester, New York
PAYTON, Milton C.	Chicago, Illinois
PAZIN, Gerald B.	Chicago, Illinois
PAZONA, Frederick	Port Chester, New York
PAZONA, Jeffrey F.	Port Chester, New York
PEARSON, Michael R.	Blue Island, Illinois
PEBERDY, William J.	Philadelphia, Pennsylvania
PEDRO, Juan L.	Brooklyn, New York
PEELER, Raymond J.	Swoyerville, Pennsylvania
PETERS, Richard	Chicago, Illinois
PELLEGRINI, Robert	LaGrange Park, Illinois
PELTIER, Michael L.	Minster, Ohio
PENDICK, Joseph J.	Carteret, New Jersey
PERILLO, Vito M.	Chicago, Illinois
PERRY, Orville	Rensselaer, Indiana
PERSON, Eugene B.	Grosse Pointe, Michigan
PETERS, Robert E.	Flint, Michigan
PETTINEO, Richard S.	Bellwood, Illinois
PFEFFER, Louis R.	Belleville, Illinois
PFINGSTLER, James R.	Saint Marys, Pennsylvania
PHELAN, William J.	Joliet, Illinois
PHILLIPS, Frederick R.	Sellersburg, Indiana
PICCO, Leo, Jr.	Oxon Hill, Maryland
PIEJKO, James P.	Chicago, Illinois
PIEKARCZYK, Joseph, Jr.	Hammond, Indiana
PIETRANCZYK, Robert J.	Hammond, Indiana
PIGMAN, James B.	Fostoria, Ohio

REGISTER OF STUDENTS 161

PILAROWSKI, John M.	New Baltimore, Michigan
PITEL, Michael E.	Johnston City, New York
PIWOWAR, Martin A.	Sheffield Lake, Ohio
PLANTE, Stuart E.	Jenkintown, Pennsylvania
PLOETZ, Michael P.	Cincinnati, Ohio
POHLGEERS, Frank J.	Fort Wright, Kentucky
POLAK, David	Chicago, Illinois
POOLE, Randolph J.	St. Joseph, Michigan
POPOWITCH, James E.	South Plainfield, New Jersey
POPPLETON, James N.	Dayton, Ohio
PORATH, Dennis	Cleveland, Ohio
PORATH, Kevin J.	Cleveland, Ohio
PORATH, Neil	Cleveland, Ohio
PORTSCHY, Robert J.	Chicago, Illinois
POST, James E.	Dayton, Ohio
POTHAST, Michael A.	Delphos, Ohio
POTRAZA, Thomas J.	Griffith, Indiana
POTTER, John F.	Galien, Michigan
POTTS, Dennis	Kalida, Ohio
POVLOCK, Robert V.	Gary, Indiana
PRIESBE, Michael	Chicago, Illinois
PRITZ, Frank E.	Wichita, Kansas
PROCANYN, Melvin J.	Coplay, Pennsylvania
PROCTOR, Leonard L.	Washington, D.C.
PROSSER, Thomas E.	East St. Louis, Illinois
PROUT, Denis W.	Fairfax, Virginia
PRUETT, Krieg A.	Monticello, Indiana
PUETZ, Daniel J.	Talbot, Indiana
PUETZ, Marianne	Kentland, Indiana
PUETZ, Thomas G.	Kentland, Indiana
PULFREY, James M.	Ramsey, New Jersey
PULFREY, Robert J.	Ramsey, New Jersey
PULSIFER, Joseph A.	Indianapolis, Indiana
QUAID, Robert, Jr.	Chicago, Illinois
QUENZLER, Norman F.	Lansing, Illinois
QUINLAN, Richard P.	Park Ridge, New Jersey
QUINN, John C.	Cherry Hill, New Jersey
RADEMACHER, Donald R.	Grant Park, Illinois
RAFFERTY, John R.	Brook, Indiana
RAMIREZ, Jerome	Chicago, Illinois
RAUCH, John M.	Fort Wayne, Indiana
RAVAGE, Linda D.	Rensselaer, Indiana
RAYBURN, Charles W.	Evansville, Indiana
RAYKOVICH, Timothy W.	Hammond, Indiana
REALE, Sante	Rensselaer, Indiana
REAVY, Fred A.	Marseilles, Illinois
REED, David R.	Dayton, Ohio
REIDY, James D.	Farmingdale, New York
REISINGER, Michael	Kettering, Ohio
RENNER, David W.	Detroit, Michigan
RETTIG, Alan R.	Cincinnati, Ohio
REYNARD, Charles G.	Indianapolis, Indiana
REYNOLDS, Brian A.	Chicago, Illinois
REYNOLDS, Michael J.	Roselle, Illinois
REYNOLDS, Patrick	Chicago, Illinois
RICCI, Robert	Detroit, Michigan

162 SAINT JOSEPH'S COLLEGE

RICE, Peter E.	Chicago, Illinois
RICHARDSON, Edward J.	Chicago, Illinois
RICHARDSON, Douglas	Detroit, Michigan
RICKER, James G.	Chicago, Illinois
RICKERT, Stan A.	Park Falls, Wisconsin
RIEGER, William B.	Covington, Kentucky
RIGIEL, Gary P.	Dearborn, Michigan
RILEY, James P.	Chicago, Illinois
RISNER, Jerry D.	North Judson, Indiana
RITCHIE, Laurice L.	Chalmers, Indiana
RITTERBUSCH, Thomas	El Paso, Illinois
ROBBINS, James K.	Chicago, Illinois
ROBERTS, Donald F.	Massapequa Park, New York
ROBERTS, Michael Lee	Rensselaer, Indiana
ROBINSON, Daniel	South Haven, Michigan
ROBINSON, Ronald W.	Uniondale, New York
ROGERS, Joseph O.	Chicago, Illinois
ROGERS, Daniel J.	Center Line, Michigan
ROGINSKI, Ronald J.	Chicago, Illinois
ROGUS, Richard A.	Chicago, Illinois
ROMANOWICZ, Albert	Peabody, Massachusetts
ROOZE, Charles M.	Lafayette, Indiana
ROPP, Larry D.	Rensselaer, Indiana
ROPP, Michael R.	Rensselaer, Indiana
ROSS, Peggy A.	Brook, Indiana
ROSS, Wesley J.	Indianapolis, Indiana
ROSSI, Richard J.	Lincolnwood, Illinois
ROSKOWSKI, Joseph J.	Chicago, Illinois
ROTH, Jerry A.	Rensselaer, Indiana
ROTH, Thomas A.	Oak Lawn, Illinois
ROTTINGHAUS, Herman	Cincinnati, Ohio
ROTTINGHAUS, Thomas	Cincinnati, Ohio
ROUNDING, Gary E.	Detroit, Michigan
ROWE, Randall L.	Remington, Indiana
ROYCE, Thomas J.	Chicago, Illinois
ROZNOWSKI, Drew O.	Champaign, Illinois
RUDDY, James J.	East Orange, New Jersey
RUDNICK, Terrence J.	Chicago, Illinois
RUETH, Herbert R.	Hammond, Indiana
RUETSCHILLING, R. L.	Dayton, Ohio
RUFF, Stephen L.	Chicago, Illinois
RUGGIRELLO, Pat C.	Niagara Falls, New York
RYAN, Charles T.	Wilmette, Illinois
RYAN, John A.	Detroit, Michigan
RYAN, Lawrence, Jr.	Westchester, Illinois
RYAN, Leone M.	Rensselaer, Indiana
RYAN, Richard E.	Mt. Prospect, Illinois
RYAN, Thomas J.	Rensselaer, Indiana
RYLKO, Robert M.	Chicago, Illinois
RYMSZA, Michael J.	Detroit, Michigan
SAINTE, Robert L.	Goodland, Indiana
SALE, Robert E.	Elgin, Illinois
SALMON, Stephen A.	Michigan City, Indiana
SANCHEZ, Luis	Chiriquí, Panama
SANDERSON, Joseph H.	Sandusky, Ohio
SANTOMIERI, Br. Aquinas	Botkins, Ohio

REGISTER OF STUDENTS 163

SARKEY, Gene F.	Gary, Indiana
SARNO, Charles F.	Berwyn, Illinois
SARTAUSKY, Richard C.	Lake Villa, Illinois
SAUL, James O.	Fort Wayne, Indiana
SAWICKI, Robert John	Chicago, Illinois
SCHAAB, Robert C.	Fort Wayne, Indiana
SCHAAF, Ronald J.	Kettering, Ohio
SCHADEN, Gregory T.	Grosse Pte Woods, Michigan
SCHAFFERT, Wolfgang	Washington, D.C.
SCHAFRATH, Edward N.	Wooster, Ohio
SCHARF, Stephen J.	Collegeville, Indiana
SCHEAFBAUER, David M.	Milwaukee, Wisconsin
SCHERVISH, Philip, Jr.	Detroit, Michigan
SCHILLING, Dennis R.	Chicago, Illinois
SCHILLING, Fred, Jr.	Marion, Indiana
SCHILLING, William, Jr.	Chicago, Illinois
SCHILTGEN, Leo, Jr.	Markham, Illinois
SCHLATER, Kenneth	Sidney, Ohio
SCHMELZER, Thomas J.	Delphos, Ohio
SCHMIDT, Jerome C.	Cincinnati, Ohio
SCHMITT, George V.	Mishawaka, Indiana
SCHMITT, Henry J.	Fort Wayne, Indiana
SCHMITT, William E.	Chicago, Illinois
SCHMITZ, Nicholas R.	Parma, Ohio
SCHOLZ, Brian C.	Indianapolis, Indiana
SCHOMMER, Dennis J.	Mc Henry, Illinois
SCHRADER, Stephen T.	Gas City, Indiana
SCHRAUFNAGEL, Dean E.	Mason, Wisconsin
SCHRAY, Gerald F.	Louisville, Kentucky
SCHREIBER, John C.	Homewood, Illinois
SCHREITER, Thomas M.	Nebraska City, Nebraska
SCHUMACHER, John J.	Chicago, Illinois
SCIUTO, John	Old Bridge, New Jersey
SCUDDER, Michael Y.	Fort Wayne, Indiana
SEARL, James J.	Loogootee, Indiana
SECHOWSKI, William J.	South Bend, Indiana
SEGGERSON, Robert P.	Lima, Ohio
SEILER, Timothy L.	Evansville, Indiana
SELLS, Ronald R.	Valparaiso, Indiana
SELLER, Wilfred J.	Winamac, Indiana
SENGSTOCK, William A.	Fox River Grove, Illinois
SHANK, Nicholas R.	Winamac, Indiana
SHARBAUGH, Norman, Jr.	West Mifflin, Pennsylvania
SHEAHAN, Michael F.	Chicago, Illinois
SHEEHAN, Michael J.	Chicago, Illinois
SHEEHAN, Robert C.	Chicago, Illinois
SHEERAN, Michael A.	Fostoria, Ohio
SHEETZ, Paul M.	Des Plaines, Illinois
SHIRER, Frank	Rensselaer, Indiana
SHIRER, Janice L.	Morocco, Indiana
SHIVELY, Joseph L.	Somerville, New Jersey
SHOMPER, Dale K.	Bethesda, Maryland
SHOMPER, Thomas D.	Bethesda, Maryland
SHONE, Jack A.	Lansing, Illinois
SHUSTER, Harold A.	Rensselaer, Indiana
SIANO, Clarence A.	Evergreen Park, Illinois
SIEGEL, Raymond J.	Chicago, Illinois

164 SAINT JOSEPH'S COLLEGE

SIMPSON, Richard	South Bend, Indiana
SIMPSON, Ward M.	Welland, Ontario, Canada
SINKOVICH, Stephen W.	Detroit, Michigan
SINNOTT, William P.	Ann Arbor, Michigan
SIPPEL, Thomas R.	Kankakee, Illinois
SKELDON, Thomas G.	Toledo, Ohio
SKRODZKI, Thomas E.	Northbrook, Illinois
SLANSKY, Allan C.	North Judson, Indiana
SLATINSKY, Wallace M.	Southfield, Michigan
SMIGELSKY, Frank E.	Buffalo, New York
SMITH, Alan G.	Gary, Indiana
SMITH, Gregory C.	Essexville, Michigan
SMITH, Joseph P.	Chicago, Illinois
SMITH, Michael C.	Cincinnati, Ohio
SMITHE, Gary	Chicago, Illinois
SNYDER, James P.	Rensselaer, Indiana
SOBOTKA, Gregory F.	Riverside, Illinois
SOLLO, John P.	Kankakee, Illinois
SOLTIS, John R.	Brooklyn, Ohio
SOLTIS, Lawrence E.	Chicago, Illinois
SOLTYSIAK, Robert J.	Evanston, Illinois
SOMLAI, Anton M.	Racine, Wisconsin
SORDI, John R.	Oyster Bay, New York
SOWAR, John M.	Dayton, Ohio
SPIERS, Edward F.	Columbus, Ohio
SPINKS, Thomas F.	Cleveland, Ohio
SPISTO, Michael R.	Staten Island, New York
SRAMEK, Robert S.	Gary, Indiana
STACK, Gregory R.	Palos Park, Illinois
STAHLURA, John M.	Hammond, Indiana
STANOVIK, Br. Robert	Rensselaer, Indiana
STANSKI, Ronald E.	Fort Wayne, Indiana
STARKUS, John George	Chicago, Illinois
STATH, Fred R.	Rensselaer, Indiana
STATH, Merlie C.	Rensselaer, Indiana
STAUDT, Ronald W.	Niles, Illinois
STECHSCHULTE, William J.	Youngstown, Ohio
STEELE, Michael A.	Chicago, Illinois
STEFFES, Raymond A.	Grosse Pointe Woods, Michigan
STEINER, Benedict	Fowler, Indiana
STEINGASS, Timothy	Medina, Ohio
STELLA, Christopher M.	Homewood, Illinois
STEPANIK, Carl J.	Northfield, Ohio
STEPHAN, Thomas D.	Gary, Indiana
STEWART, Dale R.	Beech Grove, Indiana
STILL, James M.	Fort Wayne, Indiana
STORM, George W.	Chicago, Illinois
STOUP, James D.	Springfield, Pennsylvania
STOVER, William A.	Celina, Ohio
STRITCH, Michael P.	Chicago, Illinois
SUDY, David J.	Parma Heights, Ohio
SULLIVAN, David A.	South Bend, Indiana
SULLIVAN, James A.	Portland, Connecticut
SULLIVAN, James J.	Chicago, Illinois
SULLIVAN, John E.	Chicago, Illinois
SULLIVAN, John E.	Columbus, Ohio
SULLIVAN, Paul J.	Lima, Ohio

REGISTER OF STUDENTS 165

SULLIVAN, Thomas E.	Chicago, Illinois
SUTCLIFFE, David A.	Chester, Pennsylvania
SUTTON, Michael J.	Chicago, Illinois
SWANK, Michael E.	Wabash, Indiana
SWARY, Mark F.	New Bavaria, Ohio
SWEANY, James B.	Oak Park, Illinois
SWEENEY, Patrick Michael	Evanston, Illinois
SWEIGART, Raymond L.	Dayton, Ohio
SWIERK, Michael A.	Chicago, Illinois
SWIERK, Ron P.	Chicago, Illinois
SWIGON, Robert W.	Chicago, Illinois
SZEWCZUK, Walter W.	Dearborn Heights, Michigan
SZWEDO, Edward G.	Niagara Falls, New York
SZYMANSKI, Alan J.	Warren, Michigan
SZYMANSKI, Bernard J.	West Allis, Wisconsin
SZMCZAK, Thomas J.	South Bend, Indiana
SZYMUL, James C.	Chicago, Illinois
TABERT, Judy K.	Oxford, Indiana
TADEY, John A.	East Chicago, Indiana
TAGGART, Arthur F.	Carmel, Indiana
TAGGART, James W.	Carmel, Indiana
TAGGART, Jesse	Rensselaer, Indiana
TAGGART, Mary Anne	Carmel, Indiana
TALBOO, Mark A.	Indianapolis, Indiana
TANNER, James H.	New York, New York
TARANTO, Vincent P.	Guilderland, New York
TARDIE, Kenneth A.	Hamtramck, Michigan
TARDY, Lawrence J.	Riverdale, Illinois
TEEGARDEN, Asa I.	Mt. Sterling, Kentucky
THIBODEAU, L. Joseph	Riverside, Ontario, Canada
THOMAS, Dennis A.	Mason City, Iowa
THOMAS, Lawrence W.	St. Paul, Minnesota
THOMLINSON, John D.	Lombard, Illinois
THOMPSON, Joseph R.	Anchorage, Kentucky
THOMPSON, Sister M. Francis	San Pierre, Indiana
TIERNEY, Michael J.	Columbus, Ohio
TILL, Larry J.	Fort Wayne, Indiana
TILTON, Wayne R.	Rensselaer, Indiana
TIMMONS, Daniel H.	Pacific Palisades, California
TOBIASKI, Leonard W.	Chicago, Illinois
TOBIN, James L.	Chicago, Illinois
TOLAND, Richard M.	Chicago, Illinois
Tomlins, John P.	Peoria, Illinois
TOPOLSKI, Stephen J.	Michigan City, Indiana
TORNABENI, Alan B.	Chicago, Illinois
TORREANO, James M.	Chicago, Illinois
TORREY, William J.	Floral Park, New York
TORTORELLO, Anthony J.	Chicago, Illinois
TOSCANO, James A.	Chicago, Illinois
TOSTO, Peter R.	Cicero, Illinois
TOUHY, Robert K.	Chicago, Illinois
TRAME, Robert E.	Ottawa, Ohio
TRAUGH, James R.	St. Joseph, Michigan
TREMBLAY, George A.	Manchester, New Hampshire
TROTTA, Michael F.	Chicago, Illinois
TROUP, Joan L.	Goodland, Indiana

166 SAINT JOSEPH'S COLLEGE

TRUDGEON, Ron J.	Royal Oak, Michigan
TULLY, James E.	Beech Grove, Indiana
TYRRELL, Timothy D.	Michigan City, Indiana
TYSZKIEWICZ, Dennis L.	Chicago, Illinois
UHLENHAKE, Bradley R.	St. Marys, Ohio
UNAVITCH, Ronald J.	Chicago, Illinois
UNGER, Kenneth W.	Chicago, Illinois
URBANCZYK, Caryl A.	Rensselaer, Indiana
URBICK, Thomas E.	Waukegan, Illinois
VAHARY, William J.	Gary, Indiana
VALENZANO, Gerald M.	Chicago, Illinois
VALTHAUSER, Dennis J.	Cleveland, Ohio
VAN DAELE, Stephen J.	Chicago, Illinois
VANDERPLOW, David F.	LaGrange Park, Illinois
VARCHMIN, James A.	Chicago, Illinois
VARVARO, Robert S.	Chicago, Illinois
VAUGHAN, Daniel J.	Chicago, Illinois
VENO, Dennis J.	Somersworth, New Hampshire
VERRONE, Leon W.	Bristol, Connecticut
VIRGA, Richard A.	New York, New York
VLASAK, James R.	Buena Park, California
VOELKER, Leonard E.	Cincinnati, Ohio
VOGTT, Pamela K.	Francesville, Indiana
VOIGT, William C.	Delphos, Ohio
VONBENKEN, Leonard M.	Cleveland, Ohio
VONACHEN, James C.	Peoria, Illinois
VONDRELL, Robert H.	Coldwater, Ohio
VONESH, Richard R.	Champaign, Illinois
WAGENER, James E.	Detroit, Michigan
WAGNER, Richard R.	Joliet, Illinois
WAGNER, William P.	So. Holland, Illinois
WALSH, Gerard R.	Hackensack, New Jersey
WALSH, James J.	Rochester, New York
WALSH, James M.	Chicago, Illinois
WALTHER, Harry F.	Dolton, Illinois
WANTROBA, LeRoy F.	Norridge, Illinois
WARD, Michael F.	Clarksville, Indiana
WARIEKA, Robert J.	Gary, Indiana
WARNER, Gary L.	Parr, Indiana
WARZYNSKI, James E.	Harwood Heights, Illinois
WATERBURY, Daniel E.	Fayetteville, New York
WATTENHOFER, Sister M. Lewine	Little Falls, Minnesota
WEATHERHEAD, Margaret J.	Hinsdale, Illinois
WEBER, Paul M.	Canton, Ohio
WEDRYK, Larry A.	Chicago, Illinois
WEGLICKI, Frank L.	Cleveland, Ohio
WEIDNER, James L.	Worth, Illinois
WEILER, Willis J.	Mt. Prospect, Illinois
WEINKAUF, Thomas A.	Indianapolis, Indiana
WEISENBURGER, Thomas T.	Wonder Lake, Illinois
WELIKY, William E.	Hammond, Indiana
WERGELAND, Stephen M.	Chicago, Illinois
WESTON, Carolyn R.	Brook, Indiana
WEYER, David J.	Ferdinand, Indiana
WHALEN, Richard S.	Springfield, Ohio

REGISTER OF STUDENTS 167

WHALEY, Bruce G.	Rensselaer, Indiana
WHITE, Gilbert J.	W. Belmar, New Jersey
WHITEHEAD, James E.	Chicago, Illinois
WHITTINGHAM, Robert L.	Evergreen Park, Illinois
WIATR, Leonard E.	Chicago, Illinois
WICH, Henry J.	Holland, Michigan
WICKER, John H.	Charlotte, North Carolina
WIERZBINSKI, Ronald C.	Chicago, Illinois
WIGGINS, Stephen M.	Michigan City, Indiana
WILHELM, Edward J.	Chicago, Illinois
WILHELM, Robert J.	Tolono, Illinois
WILKINS, Stewart, J.	Lorain, Ohio
WILINSON, Michael L.	Danville, Illinois
WILL, Ronald L.	Chickasaw, Ohio
WILLIAMS, Thomas J.	Oak Park, Illinois
WINSTEAD, Edward J.	Chicago, Illinois
WINTER, R. Henry	Rensselaer, Indiana
WINTERMUTE, Lawrence G.	Newark, Ohio
WINTERS, Robert M.	Chicago, Illinois
WISE, Stephen D.	Lafayette, Indiana
WITECHA, Daniel J.	Chicago, Illinois
WOLTERING, David F.	Trenton, Illinois
WOLTERING, David F.	Trenton, Illinois
WOLTERS, Dennis R.	Celina, Ohio
WOODWORTH, Chester A.	Danville, Illinois
WOOLSON, Herbert R.	Annadale, Virginia
WOOLWINE, Mark A.	Wilmington, Illinois
WOS, Stan J.	Milwaukee, Wisconsin
WOYAHN, Michael J.	Kankakee, Illinois
WOZNIAK, John S.	Bayonne, New Jersey
WREH, Jeremiah, N.	Cape Palmas, Liberia
WRIGHT, Gregory R.	Glenwood, Illinois
WYNN, Dennis J.	Chicago, Illinois
YATES, Marya A.	Lighthouse Point, Florida
YOST, Larry D.	Kentland, Indiana
YOUNG, Alan J.	Chicago, Illinois
YOUNG, Daniel P.	Mentor, Kentucky
YOUNG, Garry A.	West Chicago, Illinois
YOUNG, Michael L.	Belleville, Illinois
ZARAZEE, Eugene G.	Michigan City, Indiana
ZAT, Denise N.	Lansing, Illinois
ZAT, Mary Ann	Lansing, Illinois
ZAUG, Gregory P.	Chicago, Illinois
ZAWACKI, Kenneth E.	Detroit, Michigan
ZELENAK, Jerry J.	Trenton, New Jersey
ZELENKA, Robert M.	Cleveland, Ohio
ZGONC, Edward G.	Avon, Ohio
ZGRABIK, Charles A.	Maple Heights, Ohio
ZIELINSKI, Dennis F.	Chicago, Illinois
ZIEMBA, Andrew A.	Chicago, Illinois
ZIMMER, John J.	Rensselaer, Indiana
ZIMMERMAN, Brian M.	Braddock Heights, Maryland
ZIMNICKI, Val W.	Chicago, Illinois
ZIOLKOWSKI, Fred	South Bend, Indiana
ZINK, Gregory F.	Lyons, Illinois
ZYGOWICZ, John J.	Chicago, Illinois

APPENDIX II

Degrees, Honors and Awards: June 4, 1967

HONORARY DEGREES

Otto P. Kretzmann, D.D.

The Very Reverend John E. Byrne, C.P.P.S., LL.D.

The Reverend Raphael H. Gross, C.P.P.S., LL.D.

The Reverend Edwin G. Kaiser, C.P.P.S., Litt.D.

ALUMNI MERIT AWARD

Ninth Conferral

Thomas W. DeMint, '59

Walter Frederick Abbott, B.S., Marketing	Dearborn, Michigan
Stephen Clark Aldrich, B.A., Philosophy	Philadelphia, Pennsylvania
Michael Joseph Baum, B.S., Mathematics	Amelia, Ohio
James L. Beier, B.A., Political Science	Clyde, Ohio
Martha Mason Biddle, B.A., Music	Remington, Indiana
Robert John Blake, B.S., Mathematics, B.A., Management	Mansfield, Ohio
Terry G. Boden, B.S., Marketing	Dearborn, Michigan
Richard Bernard Bolger, B.S., Management	Lombard, Illinois
Gerald E. Boling, B.A., English	Kokomo, Indiana
Dario M. Brezene, B.S., Accounting Cum Laude	Whiting, Indiana
Paul Robert Broadway, B.S., Marketing	Chicago, Illinois
Alfred Rosario Brunetti, Jr., B.S., Accounting	Garfield, New Jersey
Eugene Robert Bunke, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
James Arthur Buser, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
Paul J. Byrne, B.S., Accounting	New Berlin, Wisconsin
Ralph James Calabrese, B.S., Marketing	Chicago, Illinois
Dennis Michael Callies, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
John Francis Carney III, B.S., Mathematics	Warren, Ohio
Bernard Vincent Carrico, Jr., B.S., Finance	Detroit, Michigan
W. Patrick Cashman, B.S., Marketing	Delaware, Ohio
Daniel J. Cavallini, B.A., History	Des Plaines, Illinois
Ross George Centanni, B.S., Management	Gary, Indiana
Hung Manh Chu, B.S., Management	Saigon, South Vietnam
Gerald Joseph Claes, B.S., Accounting	Grosse Ile, Michigan
Stephen William Crespo, B.A., Economics	New York, New York

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Thomas Frederick Cudzilo, B.S., Geology Cum Laude	Chicago, Illinois
Patrick J. Curran, B.A., English	Louisville, Kentucky
Martin Patrick Cusick, Jr., B.S., Management	Cresskill, New Jersey
Robert Louis Cwiertniak, B.A., Sociology	Chicago, Illinois
Robert James Danchy II, B.S., Chemistry	Carlyle, Illinois
Phillip A. Datka, B.A., History	Milwaukee, Wisconsin
William Bernard Dermody, B.A., English, Summa Cum Laude	Trenton, Illinois
Mary F. Anderson Diamond, B.A., History	Rahway, New Jersey
Thomas Joseph Diamond, B.S., Management	Rahway, New Jersey
Richard James Dickrede, B.S., Management	Delphos, Ohio
Daniel F. Dillon, B.S., Accounting	Chicago, Illinois
Mitchell W. Dmytrow, B.A., Management	St. Catharines, Ontario, Canada
John F. Doell, B.S., Finance	Bay Village, Ohio
Thomas Myron Dragan, B.S., Management	Chicago, Illinois
Dennis Clifford Duncan, B.S., Geology	Lima, Ohio
Thomas Louis Dunham, B.S., Accounting	Cincinnati, Ohio
Dennis Joseph Dunn, B.S., Mathematics	Barrington, Illinois
William Dennis Dyke, B.S., Marketing	DeMotte, Indiana
James Patrick Edmiston, B.A., History Summa Cum Laude	Cincinnati, Ohio
James Joseph Egan, Jr., B.A., English Magna Cum Laude	Amherst, Ohio
Thomas Patrick Eiter, B.S., Accounting	Des Plaines, Illinois
Michael Allen Evans, B.S., Biology-Chemistry	Clarksville, Indiana
Dennis Edward Fabbre, B.S., Management	Joliet, Illinois
David Harold Fanselow, B.S., Marketing	Chicago, Illinois
Phillip Lynn Favrot, B.A., English Cum Laude	Zionsville, Indiana
John Brien Filan, B.S., Accounting	Chicago, Illinois
Peter Allen Franzen, O.F.M. Cap., B.A., Philosophy Magna Cum Laude	Crown Point, Indiana
Charles Leonard Froelich, B.A., Mathematics-Physics	Defiance, Ohio
Rosemary R. Funk, B.A., Music	Earl Park, Indiana
John H. Garvin, B.S., Mathematics	Fort Wayne, Indiana
Jerome Herman Geimer, B.A., History	Decatur, Indiana
A. Lawrence Gignac, B.S., Marketing	Royal Oak, Michigan
Sister Marie Theodore Girten, O.P., B.A., Liturgical Music	Madison, Wisconsin
Timothy Joseph Grajewski, B.S., Accounting	Detroit, Michigan
Richard L. Green, B.S., Management	Rensselaer, Indiana
Steven James Grencik, B.S., Accounting	Whiting, Indiana
John Roger Gross, B.A., Political Science	Kearny, New Jersey
Marvin R. Gudorf, B.S., Mathematics-Physics Summa Cum Laude	Tell City, Indiana
Kenneth J. Guerra, B.S., Management	Chicago, Illinois

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Jacob Joseph Hagist, B.A., History	Indianapolis, Indiana
Anthony Wayne Hanchar, B.S., Management	Fort Wayne, Indiana
Robert A. Harris, B.A., Sociology	Elmwood Park, Illinois
Michael Roy Heim, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
John Emerson Heiny, B.S., Accounting	Fort Wayne, Indiana
Carl Francis Helzing, B.S., Accounting	Chicago, Illinois
William David Hipple, B.A., Sociology	Fort Thomas, Kentucky
Thomas David Huckleberry, B.S., Management	Indianapolis, Indiana
James R. Iles, B.A., Political Science	Rensselaer, Indiana
James J. Jankowski, B.A., Sociology	Chicago, Illinois
Frank John Jess, B.S., Finance	Perth Amboy, New Jersey
Albert William Johnson, B.A., Philosophy	Cleveland Heights, Ohio
Gary James Karazim, B.A., History	Jackson, Michigan
Richard Thomas Kehoe, B.A., History	Wilmette, Illinois
John Patrick Kelly, B.S., Accounting	Chicago, Illinois
R. James Kelly, B.S., Management	Mt. Vernon, Ohio
John J. Kennedy, B.S., Accounting	Riverside, Illinois
George Richard Kesi, B.S., Management	San Pierre, Indiana
Thomas N. Kirk, B.A., Sociology	Chicago, Illinois
Richard James Kissner, B.A., Philosophy	Rensselaer, Indiana
John Edward Knight, B.S., Finance	East Chicago, Illinois
Kenneth Peter Koppers, B.S., Marketing	Elgin, Illinois
Leonard J. Korn, B.S., Management	Park Ridge, Illinois
Michael Joseph Krapec, B.S., Management	Chicago, Illinois
Mark Terrence Lambert, B.S., Management	Crown Point, Indiana
Michael Paul Langley, B.A., Sociology	Chicago, Illinois
Gerald Michael Lavey, B.A., Economics	Chicago, Illinois
James Patrick Leary, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
Paul Anthony Lechner, B.S., Accounting	Chicago, Illinois
Rodney B. Lechwar, B.A., History	Northbrook, Illinois
Jon Joseph Lee, B.S., Chemistry	Hammond, Indiana
Marvin Joseph Leuck, B.A., Economics	Fowler, Indiana
Shirley J. Lewis, B.A., English	Rensselaer, Indiana
Robert Lee Lexa, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
William John Lopina, B.S., Management	Cicero, Illinois
Michael Joseph Lunkes, B.S., Finance	Chicago, Illinois
James Dennis McDonald, B.A., History	Chicago, Illinois
William Joseph McGuire, B.A., Political Science	Chicago, Illinois
Eugene Richard McNally, B.A., Political Science	Cincinnati, Ohio
Robert Charles Malloy, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
Thomas James Madden, B.S., Finance	Bay Village, Ohio
James Francis Maloney, B.A., History	Brooklyn, Ohio
Gregory W. Mannhard, B.S., Geology	St. Louis, Missouri
Cum Laude	

DEGREES, HONORS AND AWARDS 171

Thomas Charles Mathews, B.A., English	Chicago, Illinois
Janice Kay Merritt, B.A., History	Rensselaer, Indiana
Richard Paul Merz, B.A., Economics	Kirkwood, Missouri
John Bernard Mikel, B.S., Accounting	Chicago, Illinois
James Virgil Miller, B.S., Management	Lorain, Ohio
Norbert Edward Missler, B.S., Management	Lima, Ohio
John Anthony Monroe, B.S., Accounting	Fort Wayne, Indiana
Michael Francis Moore, B.A., History	Oak Park, Illinois
Louis Bernard Mousseau, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
Charles Michael Mueller, O.F.M. Cap., B.A., Philosophy Magna Cum Laude	Crown Point, Indiana
David Thomas Muth, Management	Cleveland Heights, Ohio
Thomas K. Myers, B.S., Management	Jeffersonville, Indiana
John Anthony Negovetich, B.S., Accounting Cum Laude	Whiting, Indiana
John Anthony Neu, B.S., Marketing	Chicago, Illinois
Kurt P. Neumayer, B.S., Finance	Chicago, Illinois
Alan Edward Novak, B.S., Management	Chicago, Illinois
Donald C. O'Conner, Jr., B.A., English	Logansport, Indiana
William Stephen O'Connor, B.A., Marketing	Indianapolis, Indiana
Stephen Crehen O'Donoghue, B.A., Management	Columbus, Indiana
Charles Thomas O'Hara, Jr., B.S., Management	Wilmette, Illinois
Dennis Michael O'Hara, B.S., Accounting	Evergreen Park, Illinois
James Michael O'Loughlin, B.A., English	Chicago, Illinois
Patrick Michael O'Reilly, B.S., Management	Rensselaer, Indiana
Richard R. Ossanna, B.A., English	Hammond, Indiana
Roger Mansfield Padden, B.A., Management	Brighton, Massachusetts
James R. Pfingstler, B.S., Physical Education	St. Mary's, Pennsylvania
Fredrick Ronald Phillips, B.S., Management	Sellersburg, Indiana
Joseph Michael Piekarczyk, Jr., B.S., Biology	Hammond, Indiana
John Michael Pilarowski, B.A., History	New Baltimore, Michigan
James Edward Popowitch, B.S., Management	South Plainfield, New Jersey
James N. Poppleton, Jr., B.A., Economics	Dayton, Ohio
Leonard Lewis Proctor, B.A., Economics	Washington, D.C.
William Ford Queenan, B.A., English	Forest Hills, New York
Donald R. Rademacher, B.S., Chemistry Magna Cum Laude	Grant Park, Illinois
James Gerald Ricker, B.S., Accounting	Chicago, Illinois
Ronald Francis Ringwell, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
Laurice Lee Ritchie, B.S., Physical Education	Chalmers, Indiana
James Kenyon Robbins, B.A., Political Science	Wilmette, Illinois
Herman James Rottinghaus, B.S., Marketing	Cincinnati, Ohio
Herbert R. Rueth, B.S., Accounting Cum Laude	Hammond, Indiana

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Luis Sanchez-Almengor, B.A., Economics Cum Laude	David, Panama
James Orval Saul, B.S., Journalism-Social Science	Fort Wayne, Indiana
Nicholas R. Schmitz, B.A., English	Parma, Ohio
Paul Ervin Schmitz, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
John Charles Schreiber, B.S., Accounting	Homewood, Illinois
Jerome Joseph Schroeder, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
James J. Searl, B.A., Economics	Loogootee, Indiana
Ronald Richard Sells, B.S., Accounting	Valparaiso, Indiana
Michael Francis Sheahan, B.A., History	Chicago, Illinois
Clarence Anthony Siano, B.S., Accounting	Evergreen Park, Illinois
James Patrick Snyder, B.A., Management	Chicago, Illinois
John Paul Sollo, B.A., Geology	Kankakee, Illinois
Roger Joseph Soltysiak, B.S., Physical Education	Evanston, Illinois
Thomas Franklin Spinks, B.A., English	Cleveland, Ohio
John George Starkus, B.S., Biology	Chicago, Illinois
*Ronald W. Staudt, B.A., Philosophy; B.S., Mathematics Magna Cum Laude	Niles, Illinois
Carl Joseph Stepanik, B.A., Economics	Northfield, Ohio
James M. Still, B.S., Physical Education	Fort Wayne, Indiana
Juan D. Sullivan, B.A., English	Chicago, Illinois
Raymond L. Sweigart, B.A., English	Dayton, Ohio
Robert Walter Swigon, B.S., Biology	Chicago, Illinois
Vincent Paul Taranto, B.S., Biology	Guilderland, New York
Joseph Raymond Thompson, B.S., Physical Education	Anchorage, Kentucky
James Lawrence Tobin, B.A., Economics Cum Laude	Chicago, Illinois
Stephen Joseph Topolski II, B.S., Accounting	Michigan City, Indiana
Anthony Joseph Tortorello, B.S., Chemistry Cum Laude	Chicago, Illinois
Peter Rocco Tosto, B.S., Marketing	Cicero, Illinois
Robert Keating Touhy, B.S., Finance; B.A., Economics Cum Laude	Chicago, Illinois
David Edward Troy, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
James Arthur Varchmin, B.A., Political Science	Chicago, Illinois
Frank L. P. Weglicki, Jr., B.A., Speech	Cleveland, Ohio
Thomas Alan Weinkauf, B.A., Sociology	Indianapolis, Indiana
Stephen Monroe Wettstein, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
James Edward Whitehead, B.S., Marketing	Chicago, Illinois
Michael J. Woyahn, B.S., Finance	Kankakee, Illinois

* All-College Honors

Eugene Gilbert Zarazee, B.S., Biology-Chemistry	Michigan City, Indiana
Thomas Gerald Zelinski, O.F.M. Cap., B.A., Philosophy	Crown Point, Indiana
Andrew Anthony Ziembra, B.A., History	Chicago, Illinois
Val W. Zimnicki, B.A., Political Science	Chicago, Illinois

HONORS AND AWARDS

1966-67

Grants for Advanced Study

Dario M. Brezene, B.S., Accounting
Paul R. Broadway, B.S., Accounting
Bernard V. Carrico, Jr., B.S., Finance
Hung Manh Chu, B.S., Management
Thomas F. Cudzilo, B.S., Geology
Robert J. Danehy II, B.S., Chemistry
William B. Dermody, B.A., English
Dennis C. Duncan, B.S., Geology
James P. Edmiston, B.A., History
James J. Egan, Jr., B.A., English
Michael A. Evans, B.S., Biology-Chemistry
Marvin R. Gudorf, B.S., Mathematics-Physics
John P. Kelly, B.S., Accounting
Paul A. Lechner, B.S., Accounting
Gregory W. Mannhard, B.S., Geology
Richard P. Merz, B.A., Economics
John A. Monroe, B.S., Accounting
David T. Muth, B.S., Management
John A. Negovetich, B.S., Accounting
Donald C. O'Conner, Jr., B.A., English
Donald R. Rademacher, B.S., Chemistry
Herbert R. Rueth, B.S., Accounting
Luis Sanchez-Almengor, B.A., Economics
Thomas F. Spinks, B.A., English
Ronald W. Staudt, B.A., Philosophy; B.S., Mathematics
James M. Still, B.S., Physical Education
Raymond L. Sweigart, B.A., English
James L. Tobin, B.A., Economics
James Edward Whitehead, B.S., Marketing

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Delta Epsilon Sigma National Catholic Honors Society

Class of 1967

Dario M. Brezene, B.S.	Donald O'Connor, B.A.
Thomas F. Cudzilo, B.S.	Joseph M. Piekarczyk, B.S.
William B. Dermody, B.A.	Donald R. Rademacher, B.S.
James P. Edmiston, B.A.	Herbert R. Rueth, B.S.
James J. Egan, B.A.	Luis Sanchez-Almengor, B.A.
Phillip L. Favrot, B.A.	Ronald W. Staudt, B.A., B.S.
Marvin R. Gudorf, B.S.	Raymond L. Sweigart, B.A.
John P. Kelly, B.S.	James Lawrence Tobin, B.A.
Gregory W. Mannhard, B.S.	Anthony J. Tortorello, B.S.
David T. Muth, B.S.	Robert K. Touhy, B.S., B.A.
John A. Negovetich, B.S.	James A. Varchmin, B.A.

Phi Eta Sigma Freshmen Honor Society

Class of 1967

William B. Dermody, B.A.	James J. Egan, B.A.
James P. Edmiston, B.A.	Donald R. Rademacher, B.S.
	Ronald W. Staudt, B.A., B.S.

Who's Who Among Students in American Colleges

Paul R. Broadway, B.S.	David T. Muth, B.S.
Thomas F. Cudzilo, B.S.	John A. Negovetich, B.S.
Phillip A. Datka, B.A.	Leonard L. Proctor, B.A.
William B. Dermody, B.A.	Donald R. Rademacher, B.S.
Dennis C. Duncan, B.S.	Herbert R. Rueth, B.S.
James P. Edmiston, B.A.	James P. Snyder, B.A.
James J. Egan, Jr., B.A.	Ronald W. Staudt, B.A., B.S.
Marvin R. Gudorf, B.S.	James M. Still, B.S.
Jacob J. Hagist, B.A.	Anthony J. Tortorello, B.S.
John P. Kelly, B.S.	Robert K. Touhy, B.S., B.A.
Michael J. Lunkes, B.S.	James E. Whitehead, B.S.

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The Louis B. White ('52) Award

James Whitehead, B.S.

The Father Rapp Speech Award

First Semester

First Prize — Mark Lamura

Second Prize — James Stoup

Third Prize — Patrick Kennedy

Second Semester

First Prize — James P. Piejko

Second Prize — Phillip J. Kokandy

Third Prize — Richard P. Wise

The Indiana Association of Certified Public Accountants Award

Herbert R. Rueth, B.S.

The Lay Trustees Business Award

Robert K. Touhy, B.S., B.A.

The John P. Hruzik ('52) Geology Award

Gregory W. Mannhard, B.S.

The Wall Street Journal Award

David T. Muth, B.S.

The Richard L. Kilmer Prize in History

James P. Edmiston, B.A.

Saint Joseph's College Alumni Board Senior of the Year Award

Marvin R. Gudorf, B.S.

APPENDIX III.

ALUMNI ASSOCIATION

Organized June 17, 1896, after the charter class of 1891 was graduated, the **Alumni Association** of Saint Joseph's College was established . . . "to cherish and strengthen the love of the graduates of Saint Joseph's College for their Alma Mater; to keep graduates of the different classes in communication with the college and with each other; and to bring about an acquaintance and friendship among the graduates of the different years that they may assist each other in attaining these ends." Membership is open to any graduate or former student who leaves in good standing. There are no dues. The college publishes an alumni newspaper which is mailed to all members nine times a year without charge. Alumni are invited to return to the campus each year for the annual homecoming weekend held during football season. Chapters of the association are established in cities throughout the country. The association assists the college in: fund raising; student recruitment; publicizing the college in local communities; and **placement of graduates**.

GIFTS AND BEQUESTS

Gifts and bequests of money, securities or real estate are gratefully received by Saint Joseph's College. Many additions have thus been made to the resources of the institution.

To serve the College in this way it is not necessary to make a large bequest. There are doubtless many who without injury to family or other interests could bequeath \$500, \$1,000, or \$5,000; and some who might bequeath a much larger sum.

Unless other use is specified, it is the general policy of the institution to designate funds so given as a part of the permanent endowment of the institution.

In order to be valid in most states, a will must be signed by the testator in the presence of at least two disinterested witnesses who should attest the instrument as such witnesses.

FORM OF GENERAL BEQUEST

I hereby give and bequeath to the Board of Control of Saint Joseph's College, situated at Collegeville, Indiana, and to their successors forever, for the use of said institution in fulfillment of its general corporate purposes. (State here the sum of money which you desire to give, or describe the property or securities constituting the bequest.)

ANNUITIES

Anyone desiring to further the education of Catholic youth and the progress of training under Catholic auspices through the annuity plan may secure detailed information concerning the plan sponsored by Saint Joseph's College by writing to the **Very Reverend President, Collegeville, Indiana.**

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DIRECTORY

Rensselaer, a city of five thousand, is situated in northwestern Indiana. On the Monon Route (Chicago, Indianapolis, and Louisville Railway), it is 73 miles southwest of Chicago, 50 miles southeast of Hammond, Indiana. Approached from the south, it is 110 miles northwest of Indianapolis, and 47 miles northwest of Lafayette. East and west railway lines connect with the Monon at various points — Chicago, Hammond, Lafayette, Crawfordsville and Louisville.

Saint Joseph's College (Rensselaer) lies just outside the city's southern limits. Taxi service is available from the Rensselaer depot. Indiana State Highway 53 (U.S. 231), one of the main routes connecting Chicago and Indianapolis, passes through the College grounds. The Indiana Motor Bus Company, operating between Cincinnati and Chicago, uses Route 53 and will take on and let off passengers.

Mail: Saint Joseph's College, Rensselaer, Indiana 47979.

Telephone: Rensselaer, Area Code: 219; Phone: 866-7111.

Telegraph: Saint Joseph's College, Rensselaer, Indiana.

Express, Freight, and Baggage: Saint Joseph's College, Rensselaer, Indiana.

TELEPHONE CALLS

The College telephone switchboard is open from 8:00 a.m. until 10:00 p.m. each day during the school year.

During these hours incoming calls to college students (except to those living in Scharf, White, and Washburn) should be made through the College switchboard (Rensselaer, Area Code: 219; Phone: 866-7111).

From 10:00 p.m. until 8:00 a.m. calls should be made directly to the **pay phone** in the hall in which the student lives. Each student should give members of his immediate family the number of his hall pay phone.

The following are the numbers of hall pay phones on which incoming calls should be received after 10:00 P.M.

Bennett	866-7598	Merlini	866-7957
Drexel	866-7953	Noll	866-7959
Gallagher	866-7920	Seifert	866-7956
Gaspar	(call Merlini Hall)	White House	(call Bennett Hall)
Halas	866-7948	Washburn	866-7936
		Scharf (no pay phone)	

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